



DATED _____ CHECKED _____
APPROVED *[Signature]* DRAWN BY *[Signature]*
APPROVE *[Signature]*

FARM SUPPLIES BUILT TO FARM SPECIFICATIONS ::

FULL MOLDED
NO. 231 TREAD DESIGN
DEEP NON-ACID

SUPER UNICO
6.00-16
FOUR PLY
TIRE



Check your Oil
Mister

G.L.F. PATRONS

*Purchasing
Guide*

1941

STANDARD REGISTER

MOLD

A Guide to G.L.F.



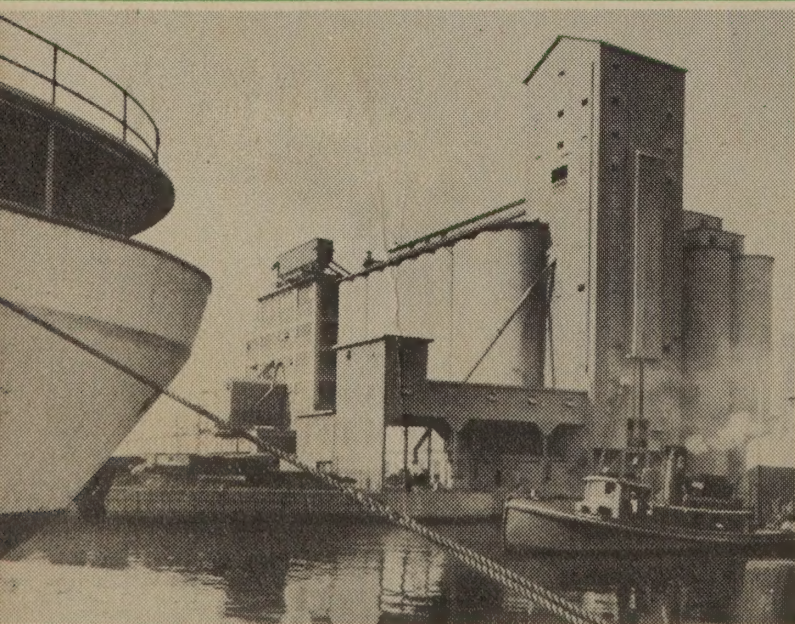
HOW TO USE THIS GUIDE

The index is on page 99. The prices quoted are approximate costs to you at your local G.L.F. service agency.

You do not have to add parcel post or freight, and of course you may see any article before you purchase it.

Not all of these articles are carried by every service agency. Under normal conditions, however, every article listed in this book can be obtained in from two days to one week.

OTHER COOPERATIVE G.L.F.



Feed Service . . . Capacity 3960 tons per day of mixed feeds; also supplies grain and ingredients. Buffalo Mill is shown. Others are at Albany, Trenton, Mt. Holly.



Seed Service . . . Last year patrons purchased 23,124,000 pounds of selected origin field and vegetable seeds. Plants at Buffalo (above), Syracuse, and Ithaca.

Farm Supply Service

ITHACA



NEW YORK

To G.L.F. Patrons:

Steel, oil, and rubber are war materials. Farm equipment, paint, and tires must take second place to planes, tanks, and munitions. Labor and transportation may soon become more difficult to obtain. Under these conditions G.L.F. farm supplies service may be somewhat slower and prices uncertain.

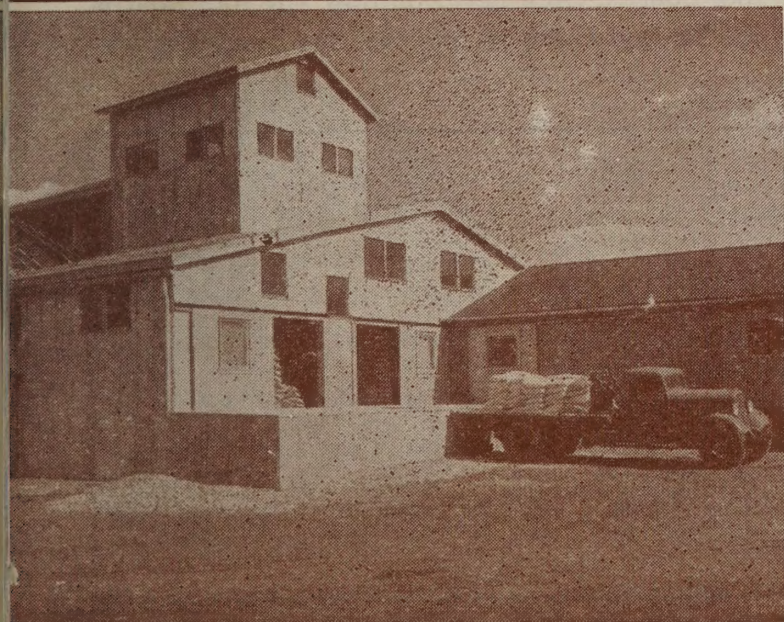
G.L.F. will do what it can to contract ahead, it will increase inventories to help offset slow deliveries, and it will hold prices steady as long as possible. To be sure that you get what you need when you want it, I recommend that every patron anticipate his needs several weeks in advance of the time he expects to use them.

Your suggestions this past year have been helpful. I hope you will continue to send in ideas that will help build this service.

Sincerely,

V. A. Fogg
V. A. FOGG

SERVICES . . .



Fertilizer Service . . . Made 50,523 tons fertilizer, handled 54,126 tons superphosphate 247,082 tons lime for patrons last year. Canastota plant (above) is one of ten.



Marketing Service . . . Sold for patrons last year 204,231 cases of eggs, 12,006,598 pounds of beans, 240,676 bushels of wheat. Latest service is Waterloo cannery.

UNICO STEEL

28-Gauge Galvanized Steel, Coated with 2 Ounces of Zinc per Square Foot

Many steel roofs put on farm buildings before the World War are still in good serviceable condition. Yet a lot of the steel roofing sold to farmers since the World War has been of poor quality and short-lived.

OLD ROOFS STILL GOOD

Most of these pre-war roofs were manufactured by the old-fashioned, hand-dipped method, which usually carried two ounces of zinc or more per square foot. At the time of the World War, the price of zinc went up to 25¢ per pound. In order to cut costs, manufacturers began to use a very thin coat of zinc. Roofs failed in a few years.

Farmers began to ask their cooperatives to set up specifications for a real high quality zinc-coated steel roofing.

United Cooperatives has answered this de-

mand with Unico 28-gauge 2-oz. Zinc-Coated Roofing.

While the extra zinc costs a little more, the cost of applying is no higher. And this old-fashioned, galvanized roofing is an honest investment that will last two or three times longer than the standard types.

FIRST CHOICE FOR FARM BUILDINGS

Unico Ridge-Drain Roofing

Unico Ridge-Drain Roofing, made especially for farm buildings, is so designed that side joints are very strong. Two drain- and air-pockets prevent water from blowing over or seeping through. All angles are curved to add strength. The ends of sheets have a non-syphon feature which presses down and makes tight laps. Formation makes it ideal for either roofing or siding.

Ridge Drain sheets can be laid over old shingles or old composition roofing, but it is usually better to remove old roofing and renail roof boards. On a new building, the roof boards can be laid tight or spaced a few inches apart.

AN ECONOMICAL SIDING —
Can be applied directly over old boards. Improves warmth, strength, appearance.

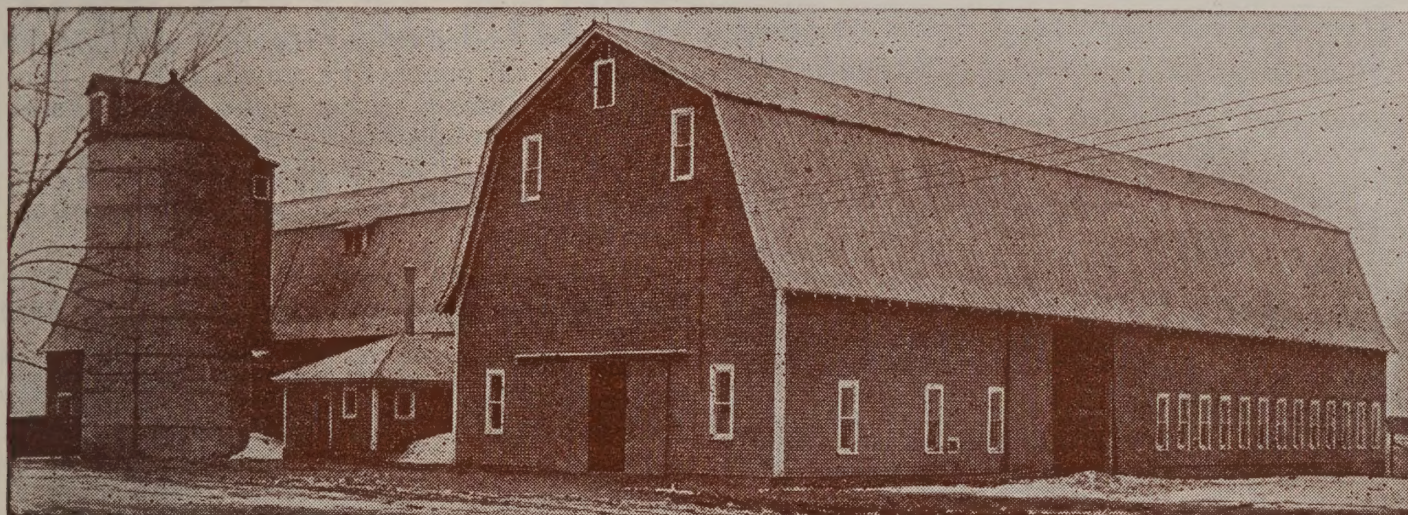


Price Difference Due to Freight Rates by Zones		Price Per Square	6'	7'	8'	9'	10'	11'	12'
Western N.Y. and Western Half of Pa.	Standard	\$4.80	\$.57	\$.67	\$.77	.87	\$.96	\$1.08	\$1.18
	2 Oz. Zinc Coated	5.50	.66	.77	.88	.99	1.10	1.23	1.34
Central N.Y. and Eastern Pa. and N. J.	Standard	4.95	.59	.69	.79	.89	.99	1.11	1.21
	2 Oz. Zinc Coated	5.65	.68	.79	.90	1.02	1.13	1.27	1.38
Eastern New York	Standard	5.00	.60	.70	.80	.90	1.00	1.12	1.22
	2 Oz. Zinc Coated	5.70	.69	.80	.91	1.03	1.14	1.28	1.40

See Roof Estimator on Page 10 for quantities needed.

SHEETS

*For Roofing
and Siding*



HOW TO APPLY

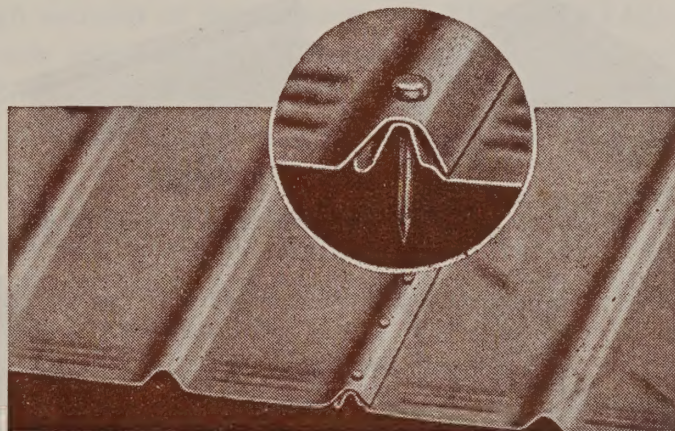
No special skill or tools are required to do a first-class job of putting on this type of galvanized sheets.

Nail straight down through the ridge joint about every eight inches. Use $1\frac{1}{2}$ lbs. lead-headed nails per square. Drive nails only until head is tight to the roofing and does not dent the metal.

Start laying sheets at eaves edge and lay in complete vertical rows to the ridge. Allow at least 6" for each end joint.

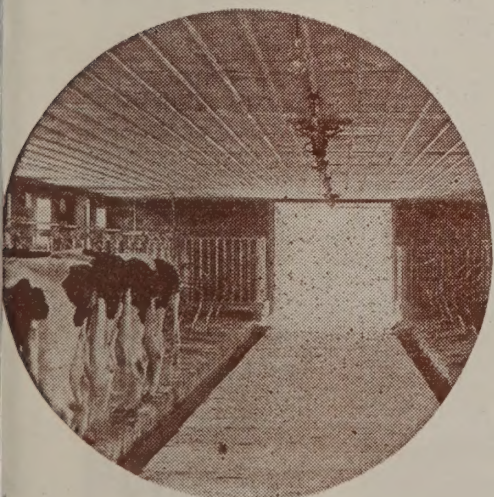
Bend the edge of the first sheet down over gable-end face-board about $1\frac{1}{2}$ " and nail at 8" intervals.

These sheets are not recommended for roofs which slope less than 2" to the foot.

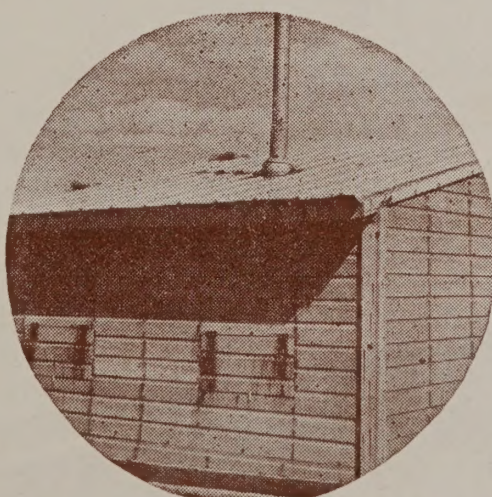


FOR INSIDE WALLS AND CEILINGS, TOO !

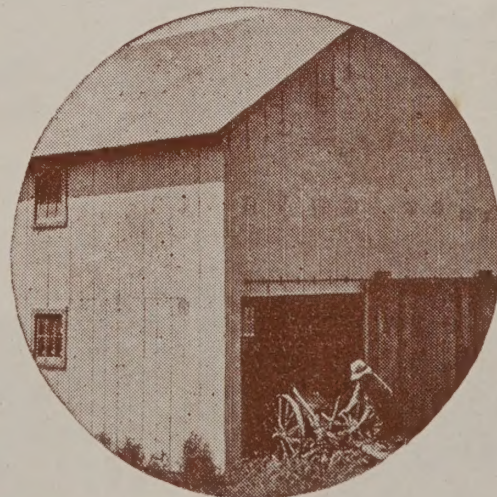
Doubly protected—and doubly practical—is the barn that has 2-Ounce Zinc Roofing on the interior walls and ceilings as well as the roof. It provides an effective barrier against dust and dirt—and of course, its fire protecting value is self-evident.



STABLES—A fire-proof ceiling. Helps keep stable warmer in winter and cooler in summer.



POULTRY HOUSES — Economical and practical. Unico steel roofing sheds rain and snow, resists wind.



TOOL SHEDS—\$39 worth of Unico sheets transformed this old building into a fire-proof tool shed and shop.

A GOOD ROOFING JOB REQUIRES THE RIGHT *Roofing Accessories*

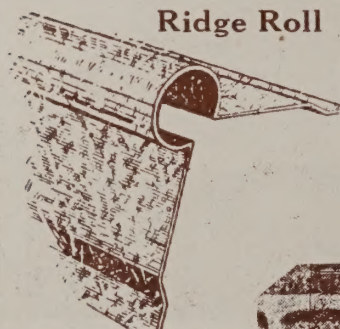
Lap Joint



New style corrugated eaves trough increases strength.

Galvanized Eaves Trough

All eaves trough is single bead. The ends can be lapped and soldered or put together with special S connectors shown below. This makes either right or left hand trough.



Ridge Roll

10 ft. length 55¢

GAMBREL ROOF JOINT

Used for Gambrel Joints on gambrel roof under top sheet over lower sheet.
Per 26" piece . . . 16¢



Only 5" trough and 3" conductor pipe is carried in stock as this is the size usually used on farm buildings.

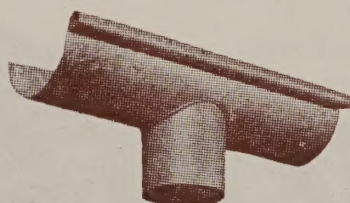
Per 10 foot length Trough 65¢
Per 10 foot length Cond. Pipe 65¢

END WALL FLASHING or EAVE JOINT

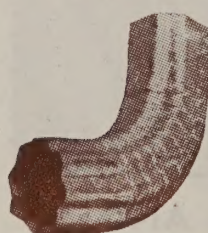
Used where the top of a lean-to roof adjoins a vertical wall. Per 26" piece 16¢



Inside or Outside Corner 45¢



DROP for 3" PIPE 30¢



ELBOW 25¢



HANGERS
Titelock Triplex
Per Doz. Per Doz.
50¢ 30¢



Conductor Pipe



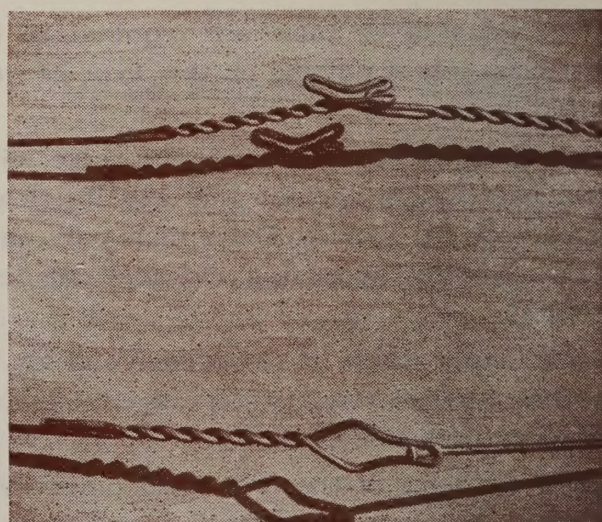
END CAP 16¢



S CONNECTOR 11¢

10 ft. length

BALE TIES



Cross-head 15 gauge or Clinch-head 14 gauge

9' ties,.....per bndl. \$2.04 9' 6" ties, per bndl. \$2.12
9' 3" ties, per bndl. 2.08 10' ties,.....per bndl. 2.20



**A WELL
DONE
ROOFING
JOB**

Re-zinc old Roofs with . . .

G. L. F. ZINC METAL PAINT



USE G.L.F. ZINC METAL PAINT for long time protection of all outdoor metal surfaces: Steel Roofs, Steel Siding, Tin Roofs, Structural Steel, Steel Stacks, Windmills, Tanks, etc.

G.L.F. ZINC METAL PAINT is made with a high content of finely powdered ZINC METAL. It is the life saver of rusting, galvanized metal roofs and siding. This is why we say "Re-zinc your roof with G.L.F. Zinc Metal Paint." Putting Zinc Metal Paint on iron and steel is the nearest you can come to galvanizing with a paint product. It is like re-zincing the base metal.

When a steel roof begins to rust, it means that the zinc galvanizing has worn off and should be replaced. G.L.F. Zinc Metal Paint, applied at the time the rust appears, will prolong the life of a steel roof indefinitely by actually stopping and preventing rust formation. It acts both as a rust-preventing Prime Coat, and a durable finish coat which presents a good appearance throughout its life.

It is important **not** to use Red Lead, or other primer, under G.L.F. ZINC METAL PAINT—and it is not necessary to put a "weather coat" over it.

These **special properties**, together with its **long life**, make G.L.F. ZINC METAL PAINT an **ECONOMICAL** paint to use.



It is not unusual for 2 coats of ZINC METAL PAINT, properly applied, to last for 10 to 12 YEARS without further attention. That is long time protection!

ZINC METAL PAINT practically welds itself to a metal surface and not only prevents rusting, but stops the rusting process if it has started, and prevents further damage.

Colors—G.L.F. ZINC METAL PAINT is furnished in the following attractive shades:

RED GRAY GREEN

The Red shade carries a substantial amount of Red Iron Oxide, which, due to the weather defying nature of Iron Oxide, gives this shade even longer life than the other durable shades of this remarkable paint.

A PRACTICAL PRODUCT FOR SPRAY PAINTING

PRICES

In 5 gal. cans, per gallon—Red, \$3.30; Gray or Green, \$3.95.

In 1 gal. cans, per gallon—Red, \$3.40; Gray or Green, \$4.05.

In 1 qt. cans, per quart—
Red, \$1.00; Gray or Green, \$1.18.

AVERAGE COVERAGE

2 Coats—400 sq. ft. per gallon.

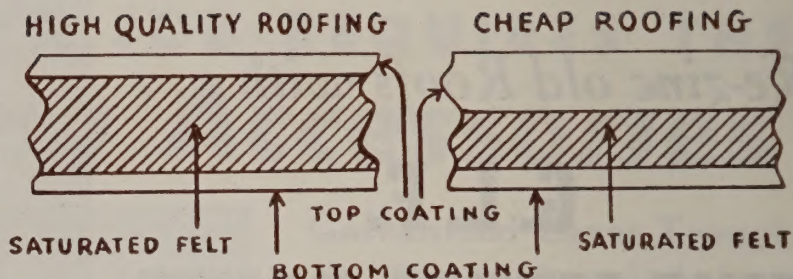
1 Coat—800 sq. ft. per gallon.



**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**

*... And check for
possible price changes*

UNICO



ROLL ROOFING

It pays to use top quality roofing. It has thicker, heavier felt and is therefore capable of holding lots more of the life-giving asphalt with less coating. The sketch above shows the difference between quality roofing and cheap roofing.

SUPER SMOOTH ROLLS

Made from the finest felt base. Thoroughly saturated with long wearing asphalt. There are no air pockets or moisture trapped in the sheet to weaken the structure. Super roll roofing will stand rain, sleet, wind, snow, and sun without effect for many years without checking, cracking, or drying out.

Each roll covers 100 sq. ft. of roofing. Can be laid over old roofing by renailing and extracting loose nails.

Super No. 55.....	\$1.85 per roll
Super No. 65.....	2.10 per roll
Super No. 75.....	2.40 per roll

$\frac{7}{8}$ " Nails and Lap Cement included.

Prices do not include extra can of lap cement or $1\frac{1}{4}$ " spiral galvanized nails as we have furnished in the past. The longer nail and extra lap cement are available at the following prices.

$1\frac{1}{4}$ "—Spiral Galvanized Nail.....	per lb. \$.12
1 gal. can—Lap Cement.....	per gal. \$.50

1 gal. will do 20 rolls.

STANDARD SMOOTH ROLLS

Made from same high quality felt base as Super except felt is lighter and contains less asphalt. The coating is heavier and is reinforced with mineral matter. While this roofing will not give as many years of service as the Super, it is a good piece of roofing for the low cost. Covers 100 sq. ft.

$\frac{7}{8}$ " Nails and Lap Cement included.

Standard Roll 35 lbs.....	\$.98 per roll
Standard Roll 45 lbs.....	1.15 per roll
Standard Roll 55 lbs.....	1.33 per roll

MINERAL SURFACED ROLL ROOFING

Slate surfaced roll roofing is smooth roll roofing protected with mineral granules. These granules are non-fading; the color is fused into them somewhat like color is fused into pottery. The felt and asphalt is the same high quality used in the other roofings. Available in Brick Red and Lawn Green.

	Price
No. 90, Per Roll.....	\$2.20
No. 75, Per Roll.....	2.00

Nails and cement included.



ROOFING ACCESSORIES



SPIRAL NAILS

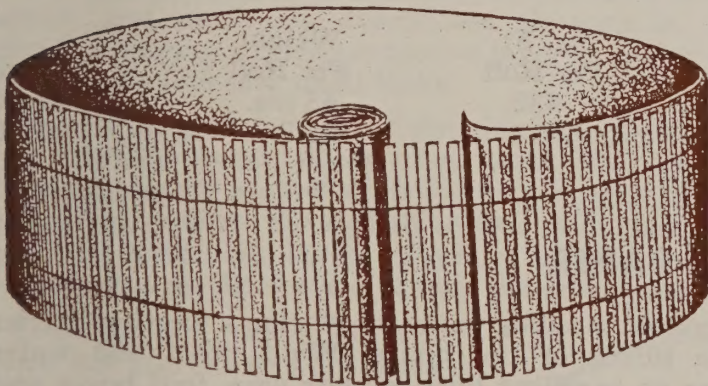
Really hold roll roofing and asphalt shingles down. No heaving or loosening up because they work in like a screw. Once in they always stay put. Galvanized to prevent rust.

Price—12¢ per lb.

Amount and Size of Nails Needed for . . .	Over Boards	Over Composition Roof	Over Old Shingles
	Use 1" Length	Use 1½" Length	Use 1¾" Length
Smooth Roll Roofing per roll	8 oz.	10 oz.	12 oz.
Universal Shingle and Thick Butt, 3-Tab, or Graintex, per sq.	1½ lbs.	1¾ lbs.	2 lbs.
Standard Hexagonal, per sq.	1¼ lbs.	1½ lbs.	1¾ lbs.
Double Hexagonal, per sq.	1⅞ lbs.	2 lbs.	2⅛ lbs.

LAP CEMENT Sometimes there is not enough asphalt lap cement included with roll roofing to insure a water tight joint. One gallon will meet the extra requirements of 20 rolls. Price per gallon 50¢.

SILO PAPER



A Quick, Simple Way to Make a Dependable Temporary Silo

By using G.L.F. Silo Paper and a few feet of slatted snow fence you can quickly construct a satisfactory silo that will last at least one season. Thus if you do not have the silo facilities you require, you can build a temporary

silo that will serve until you have the desired permanent silo capacity. Or if you need more ensilage than one silo will hold, you can build this temporary silo to start the season.

This Silo Paper is a heavy, two ply stock with an asphalt waterproof layer between the fibre sheets. The paper is thoroughly saturated with asphalt and is fungus proof. It is crinkled to allow for expansion without breaking. It is also reinforced with jute fibre cord to stand up under strain. Each roll is 4 feet high and 88 feet long, containing 352 square feet. It cuts conveniently for 12 or 14 feet diameter silos. By handling it with reasonable care, it can be used more than once.

Price \$3.50 per Roll

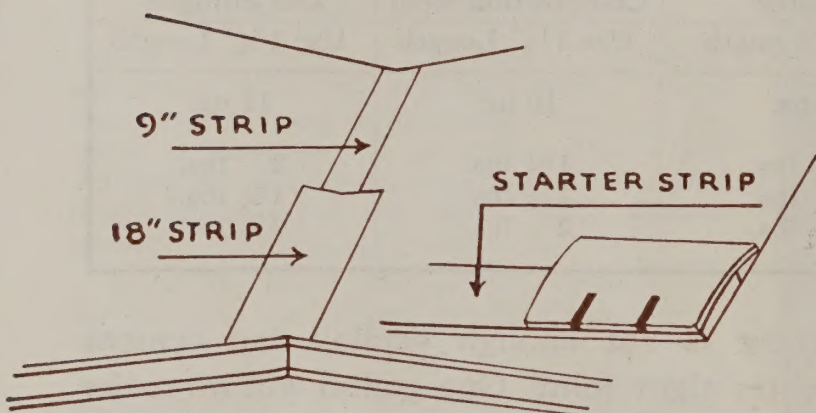


ROOFING MATERIALS *and* ACCESSORIES



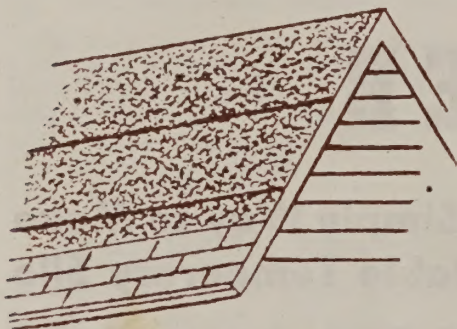
HIP AND RIDGE SHINGLES*—9½"x12"

They put a fine finishing touch to your roof. For roofs as well as ridges, but necessary on finishing roofs laid with hexagonal shingles. Come in same colors as hexagonal shingles so as to blend in nicely. One bundle will do 30 linear feet of ridge. Four bundles per square. Available in lawn green, brick red and black. Weight 253 lbs. per square—Price per square, \$6.70.



VALLEY LINER AND STARTER STRIP*

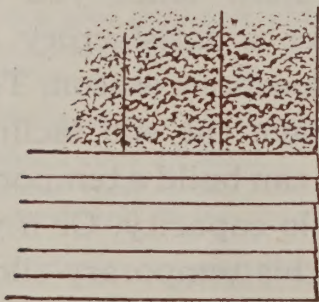
The best way to start a shingle roof is with a 9" strip of this material. It starts the job smooth and even. The 18" width is for lining valleys on roofs. One 9" strip laid under an 18" strip produces a long wearing job in the roof spot that always gets plenty of wear. Comes in brick red, lawn green and black.
9" x 36'—27 sq. ft. per roll—\$.53.
18" x 36'—54 sq. ft. per roll—\$1.05.



ASPHALT FELT*

For use under asphalt shingles for insulating purposes and to get a tighter shingle job. Thoroughly saturated with asphalt to increase water resistance and prevent water seepage beneath the shingles.

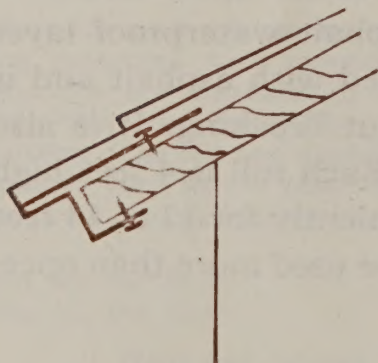
Weight Per Sq.	Sq. Ft. Per Roll	Weight Per Roll	Price
15 lbs.	432	65 lbs.	\$1.90
30 lbs.	216	65 lbs.	1.90



SHEATHING PAPER

A tough, rosin coated building paper for placing a weather barrier underneath the siding of the house. Wind proof and water resistant. Makes an excellent liner for box cars, feed boxes and brooder houses to keep out wind and provide a storm barrier at low cost. 36" wide, 500 sq. ft. per roll, weight 25 pounds.

Price, per roll.....90¢



ROOF EDGE AND EAVE DRIP*—5" GIRTH

Makes a neater job, holds the edge of the asphalt shingles in place and prevents damage from ladders, etc. Galvanized to prevent rusting. Price 45¢ per 10' length.

*For use with G.L.F. Asphalt Shingles.
See Shingle page . . . inside back cover.

ASPHALT COATINGS

Prolong the Life of the Roof



Introducing Unico Roof Coatings

Fibred Liquid Asphalt Roof Cement priced at very low prices in convenient 5 gal. cans. The same high quality coating that G.L.F. has been supplying for several years under Unico label.



Fibred LIQUID ASPHALT ROOF CEMENT

Fibred Unico Liquid Asphalt Roof Cement is an exceptionally good roof coating. It is made with the most suitable asphalts and finest asbestos fibre obtainable. The asphalt, selected for durability, is of the correct hardness to make sure it will "stay put" on roof in hot weather, yet not crack open in cold weather. Asbestos fibres are kneaded into the asphalt and uniformly distributed through it. This permits applying a thick protective layer to bridge over small cracks and seal small leaks.



Apply Fibred Unico Liquid Asphalt Roof Cement to your asphalt roofs **before** they wear out. Periodic treatments make asphalt roofs last indefinitely, because the coating replaces the asphalt robbed from the roofing by the elements, and leaves a layer of enduring asphalt and asbestos on the surface to take the punishment.

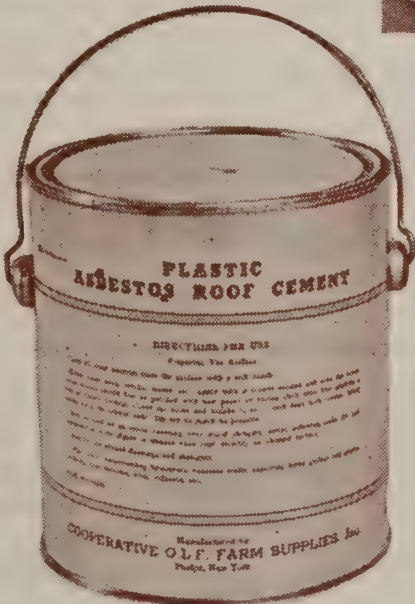
Even an old, dried-out roof which has started to show leaks often can be saved for another season or two.

Apply at the rate of about a gallon to the square (100 sq. ft.).



PLASTIC ROOF CEMENT

This plastic roofing cement, furnished at troweling consistency, is invaluable for stopping roof leaks, sealing flashings, making patches on old roofs, repairing cracks in concrete tanks, etc. You will find a lot of uses for this low-cost, long-lasting, water-



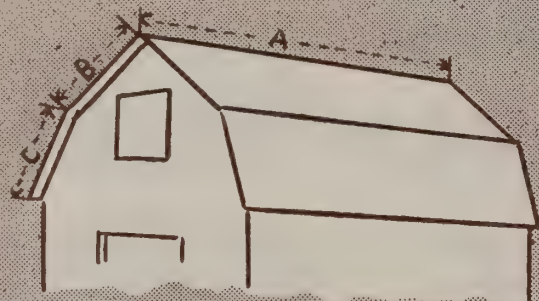
proof, acid- and alkali-proof cement.

Unico Plastic Roof Cement is made of the same raw materials as Unico Liquid Roof Cement but in slightly different proportions.

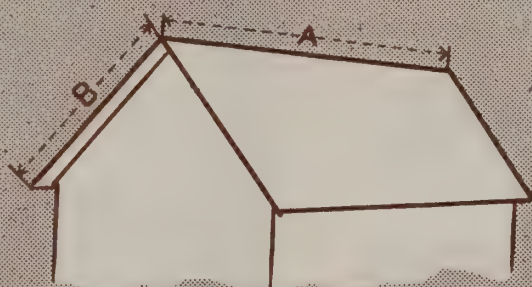
PRICES	
50 Lb. Drums.....	\$2.75
25 Lb. Drums.....	1.90
10 Lb. Pail.....	.83
5 Lb. Pail.....	.49

Roof ESTIMATOR

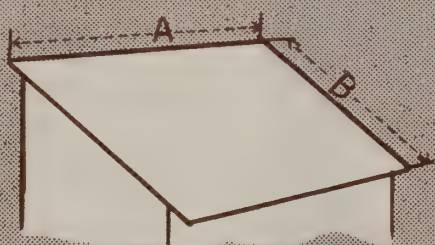
How to figure the amount of
STEEL ROOFING
you will need



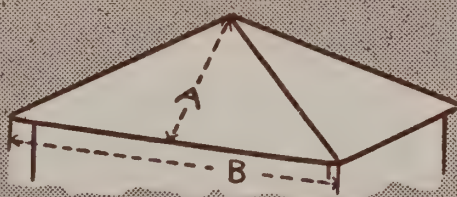
GAMBREL TYPE



GABLE TYPE



SHED TYPE



HIP TYPE

Shed Type: Measure length of roof (A) and divide by 2. (Sheets actually cover two feet in width.) This gives you the number of sheets to order. Length of sheet is determined by measurement (B). If the roof is 30 feet long at (A) and 12 feet from ridge to eaves at (B), you need: $30 \text{ feet} \div 2$, or 15 sheets of 12-foot steel for the roof. If distance (B) is more than 12 feet, order two shorter lengths, allowing 6 inches additional for end lap. If shorter than 12 feet, order proper size sheet.

Gable Type: Follow same procedure as above, multiplying the result by two to obtain number of sheets required for both sides of roof.

Gambrel Type: Divide length (A) by 2 to determine number of sheets required. Distance (B) indicates length of sheets for this section. Add 6 inches to distance (B) for projection over section below, if Gambrel Joints are not used. Distance (C) indicates length of sheets required for lower section. Allow 6 inches for end lap. Multiply result by 2 to determine number of sheets required for both sides of roof.

How to figure the amount of
ROLL ROOFING, ROOF CEMENT, SHINGLES or PAINT
you will need

Calculate the area of the roof in square feet as follows:

Shed Type: Multiply length of roof by the length of a rafter.

Plain Gable Roof: Multiply length of roof by length of rafter and multiply by 2 (both sides identical).

Hip Roof: Multiply length of each section by length of longest rafter and divide by 2—measuring each section separately.

Gambrel: Multiply length of first section by depth and repeat for upper section, adding six inches for projection over section below, if Gambrel joints are not used. Multiply this result by 2 for both sides of barn.

Liquid Asbestos Roof Cement. After calculating the number of square

feet in the roof, divide by 100 which is the number of square feet of area one gallon of liquid asbestos will cover. This will give you the approximate number of gallons required.

Roll Roofing—Each roll contains 108 square feet and will lay one square or 100 square feet. Consequently divide total roof area by 100 which will give the number of rolls required.

Shingles—Figure same as roll roofing. Order one square per every 100 square feet of area to be covered.

Paint—See coverage chart on page 47. Simply divide the number of square feet by the coverage per gallon of the paint product you intend using. This will give you the number of gallons required.



Bolts

IN HANDY FARM KITS

A box of assorted bolts is one of the handiest things on the farm. Each of these assortments gives a well balanced selection of sizes for most farm repair jobs.

Package of 100 Carriage Bolts.....\$1.19

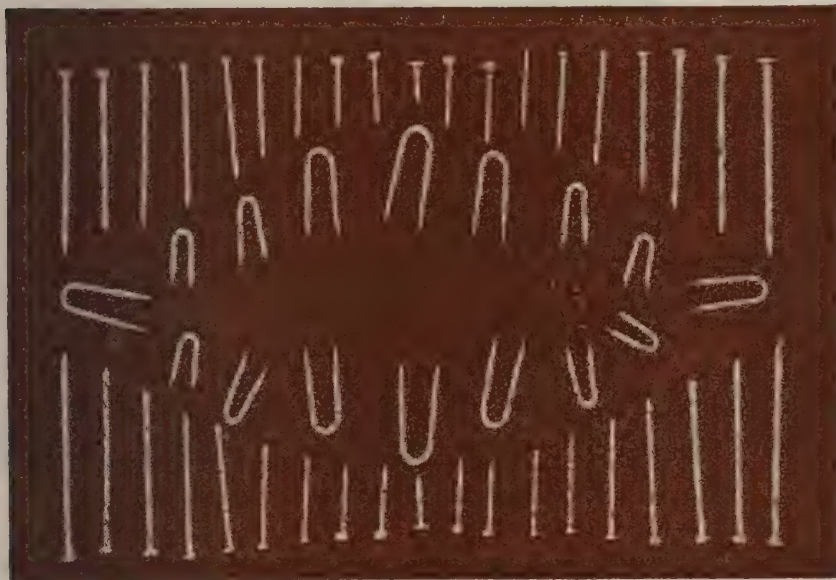
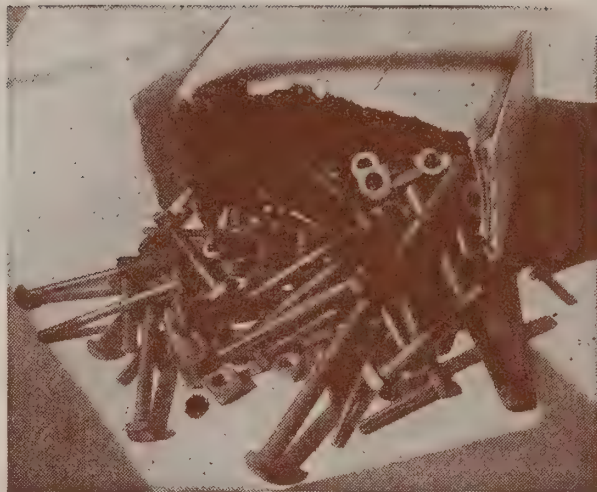
Package of 100 Assorted Machine Bolts..... 1.29

(Each of the above assortments contain twenty $\frac{1}{4}$ ", twenty $\frac{5}{16}$ ", thirty-two $\frac{3}{8}$ ", fourteen $\frac{7}{16}$ " and fourteen $\frac{1}{2}$ " bolts in lengths of 1 to 6 inches.)

Package of 50 Carriage Bolts.....32¢

Package of 50 Machine Bolts.....34¢

(Above assortments contain twenty $\frac{1}{4}$ ", twenty $\frac{5}{16}$ " and ten $\frac{3}{8}$ " bolts—lengths from 1 to 5 inches.)



NAILS AND STAPLES

Why hunt all over the place for the nail you want when it's so easy to make up an assortment of the most used sizes at your G.L.F. Service Agency? The prices below are on the basis of hundred pound kegs.

Broken keg prices are slightly higher.

6 D. Common nails, 100 lb. keg \$4.40

8 D. Common nails, 100 lb. keg \$4.20

10 D. Common nails, 100 lb. keg \$4.10

16 D. to 60 D. Common nails,

100 lb. keg.....\$4.05

$1\frac{1}{4}$ " } Polished Fence Staples, 100

$1\frac{1}{2}$ " } lb. keg.....\$4.50

$1\frac{3}{4}$ " }

UNICO STEEL FENCE POSTS

Steel posts permit burning weeds in the fence line, which destroys insect pests. Grounds lightning before it reaches the stock—keeps lightning from burning galvanizing on fence wire. Heave-proof—no holes to dig. Saves time and labor in making replacements of broken or rotten wooden posts.

STUDDED TEE POST

6'—40¢ 6½'—43¢ 7'—45¢

LUGGED ANGLE

6'—33¢ 6½'—35¢ 7'—37¢

LUGGED U POST

6'—36¢ 6½'—38¢ 7'—40¢

ELECTRIC FENCE POST

(bolts included) 5 Foot Only—22¢

ELECTRIC FENCE POST



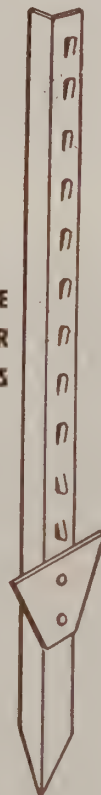
A GOOD
PRACTICAL
POST

LUGGED U POST



USE
FOR
REPAIRS

LUGGED ANGLE



BEST FOR
PERMANENT
USE

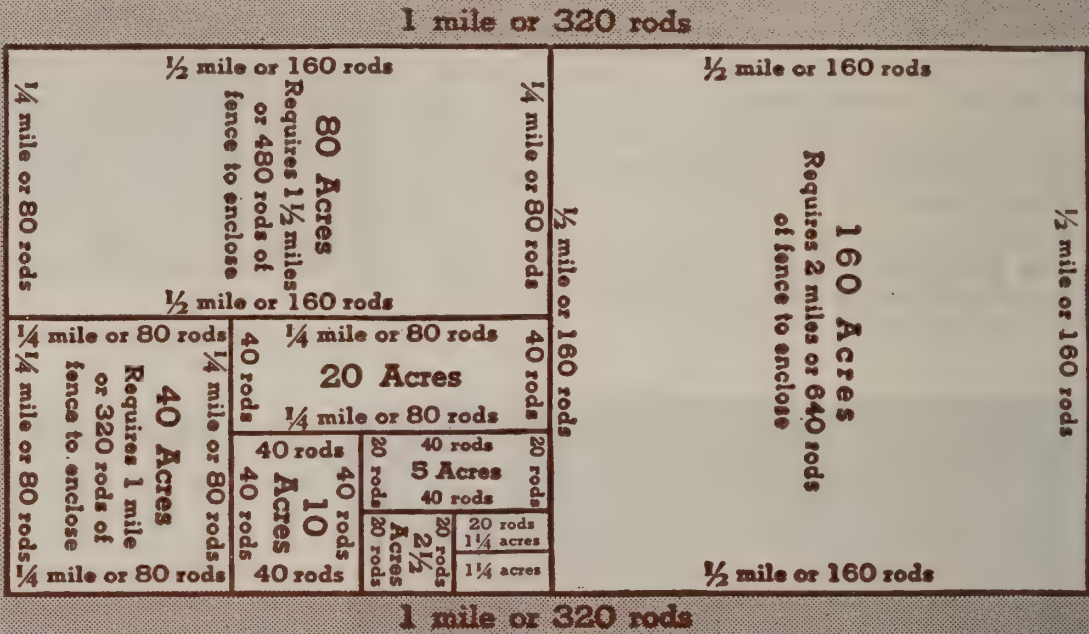
STUDDED TEE POST



PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY

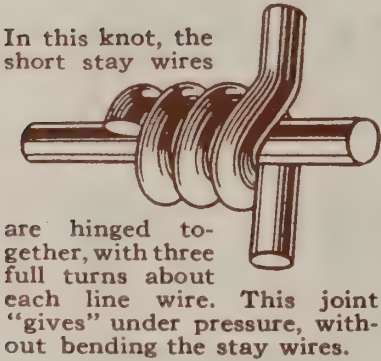
... And check for
possible price changes

UNICO FENCING



Have You a Fence Plan for Your Farm?

UNICO woven wire fence is made under specifications approved by the G.L.F. to supply patrons with a practical, heavy duty, durable fence. It is made of special copper bearing steel wire with extra heavy zinc coating which gives unusually long service.



All fences shown on pages 12, 13 and 14 are made of *full No. 9 gauge top and bottom wires*. All line wires and stay wires are *No. 11 gauge*. This is the weight which is recommended for farm use. Lighter or heavier gauge fences can be supplied on special orders.

Farmers are learning to be wary of off-gauge fences. In buying through G.L.F., the exact gauge of all fence wire is clearly stamped and understood. On fence specifications, the first number means the number of horizontal wires; the second figure is the height of the fence in inches; the third figure gives the distance between the vertical stay wires; the last number gives the gauge of the wire in the fence.

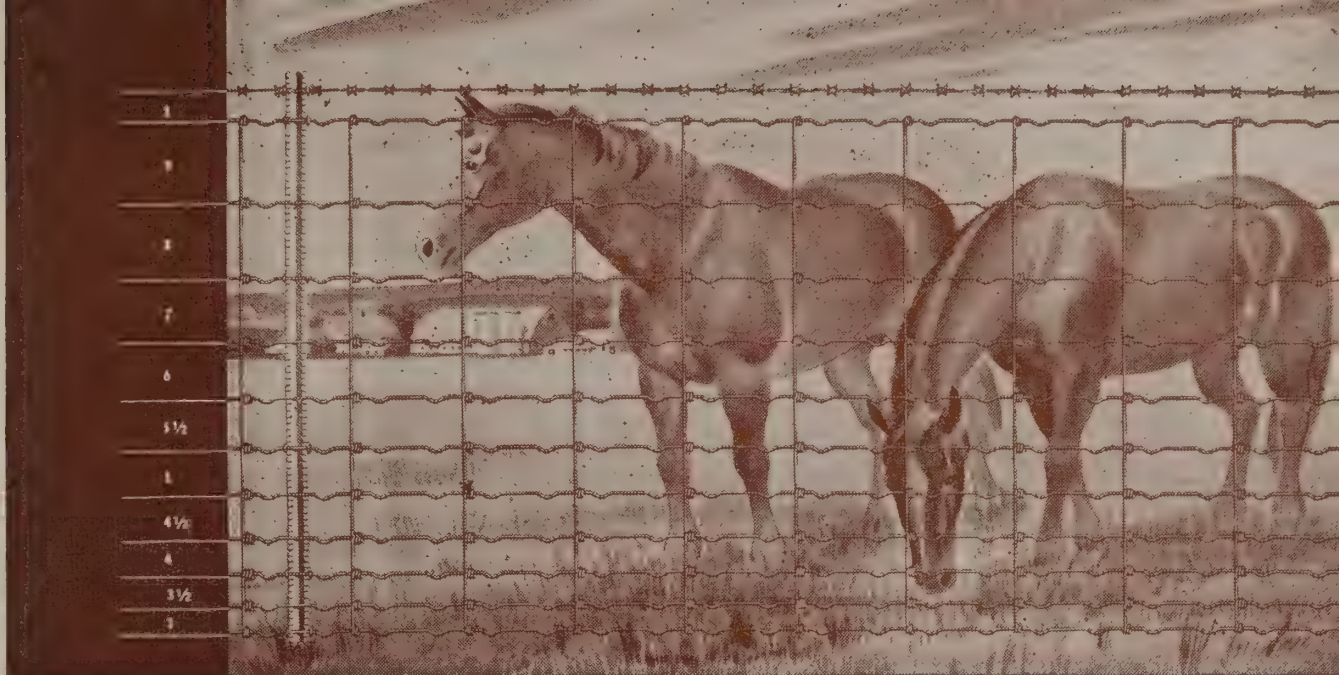
See Prices on Page 14



For cows, the recommended fence is 8-45-12-11 with one barbed wire at top.



For horses,
the recom-
mended
fence is
9-49-12-11
with one
barbed wire
at top.



WOVEN WIRE FENCE NEVER WEARS OUT...IT RUSTS OUT...

The life of a fence depends on the quality of the base wire, the purity and amount of zinc coating on the wire, and the method of galvanizing and weaving. Approximately 75% of all fences sold in G.L.F. territory are of the hinged joint type. This has several advantages. When crushed or subjected to shock, the stay wires "hinge" instead of bending, and the tension of the line wires tends to pull the fence back into shape. Also, it gives greatest adjustability, and makes the fence well suited to stretching over uneven ground. The line wires are deeply crimped to provide constant tension and give added flexibility to the fence.

Unico fencing is purchased in large volume and shipped direct from the manufacturer to G.L.F. warehouses in carloads. This makes it possible to supply G.L.F. patrons with the best quality at substantial savings.

Staples should be driven diagonally with the grain and not driven home on line posts.



For hogs,
use either
6-35-6-11
or 8-32-6-11
with two
or three
barbed
wires.



3 BARS—STYLE 635
 1 BAR—STYLE 345
 4 BARS—STYLE 349



Sheep fences should have the stay wires 12 inches apart so the sheep cannot get hung in the fence. Use 6-35-12-11 or 8-45-12-11. Add barbed wire.

Woven Wire FIELD FENCE

PRICES

6-35-12-11	Stay wire	12" apart, per rod—	Sheep fence.....	36¢
7-26-12-11	Stay wire	12" apart, per rod—	Sheep fence to be used with barbed wire.....	37¢
8-45-12-11	Stay wire	12" apart, per rod—	Popular all round fence.....	44¢
9-49-12-11	Stay wire	12" apart, per rod—	Cattle fence.....	49¢
6-35- 6-11	Stay wire	6" apart, per rod—	Popular hog fence.....	48¢
8-32- 6-11	Stay wire	6" apart, per rod—	For small pigs.....	53¢
8-45- 6-11	Stay wire	6" apart, per rod—	Heavy all round fence.....	60¢
10-47- 6-11	Stay wire	6" apart, per rod—	Barnyard fence.....	68¢

Top and bottom wire No. 9, others 11 gauge. Only 20-rod rolls are stocked at Warehouse. 10-rod rolls can be furnished at 2½¢ per rod extra.



TACKLE BLOCK Wire Stretcher

This combination hoist and tackle block is equipped with two non-slip wire grip hooks and a chain for anchoring one end around posts. It can be used for barbed wire or plain wire and makes a complete one man fence stretcher. For other farm uses, it is equipped with special hooks and may be used for any kind of light hoist jobs, such as lifting cans of milk into milk coolers. It is equipped with a self-locking device and comes fully equipped with 16 feet of 3/8" ropePrice \$1.20

STAPLE PULLER AND FENCE PLIER

This is a good all-around fence tool. It drives and pulls staples and cuts, splices, straightens or stretches wire. It makes a good general farm tool. Forged from a very high grade of steel. It has two wire cutters large enough to handle barbed wire, a wire stretcher, wire splicer, and staple puller for pulling exposed staples or lifting lugs on steel posts. It also has another sharp pointed staple puller for staples imbedded in hard wood posts and a corrugated, hammer head for driving staples or bending down lugs on steel posts.....Price \$1.00



\$1.00

21-58-6-14½

Here is one of the most popular poultry fences ever designed because it is so easily moved if you rotate your yard—as in turkey raising.

PRICE

58¢ per rod
In 10 rod rolls.

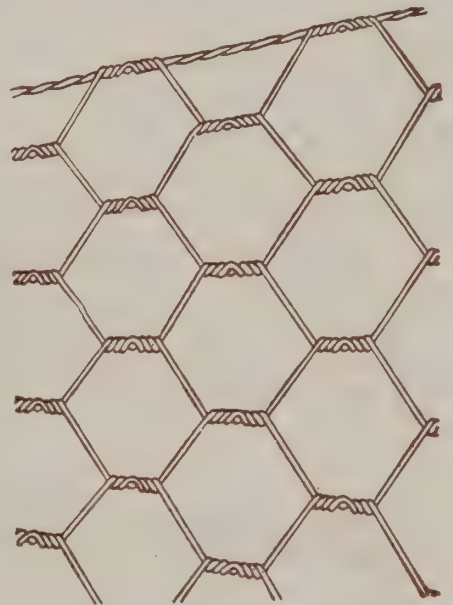


Longer Lasting POULTRY NETTING

Straight across the country, farmers have found this poultry netting to be the outstanding quality leader. Yet this poultry netting is not high priced—value considered. It is made with special copper bearing base wire, zinc coated after weaving by the latest electrical galvanizing process. Galvanized before weaving netting costs about 10% less, but is not recommended for heavy duty, long time use.

PRICES

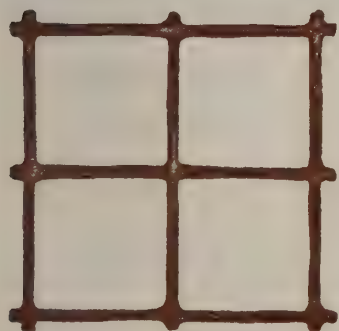
1" x 20 Ga.—12" High—150' Roll..	\$1.95
1" x 20 Ga.—24" High—150' Roll..	3.75
1" x 20 Ga.—36" High—150' Roll..	5.40
2" x 20 Ga.—36" High—150' Roll..	2.55
2" x 20 Ga.—48" High—150' Roll..	3.30
2" x 20 Ga.—60" High—150' Roll..	4.05
2" x 20 Ga.—72" High—150' Roll..	4.80
2" x 19 Ga.—60" High—150' Roll..	4.70
2" x 19 Ga.—72" High—150' Roll..	5.60
1" x 20 Ga.—12" High—50' Roll...	.75
1" x 20 Ga.—24" High—50' Roll...	1.35
1" x 20 Ga.—36" High—50' Roll...	1.90
2" x 20 Ga.—36" High—50' Roll...	1.15
2" x 20 Ga.—48" High—50' Roll...	1.30



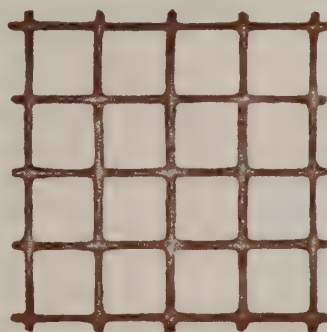
Galvanized After Weaving

Easier to Erect
Holds Shape

Rust Resisting Joints



**HEAVY
GALVANIZED
HARDWARE
CLOTH**



For General Farm Use

¼" x ¼" Mesh
22 Ga.—30" High
16 Sq. per Sq. in.

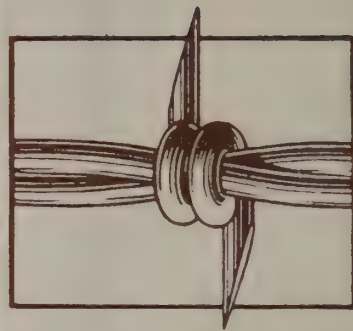
50' Roll.....\$5.75

Chick Size
½" x ½" Mesh
19 Ga.—30" High
4 Sq. per Sq. in.

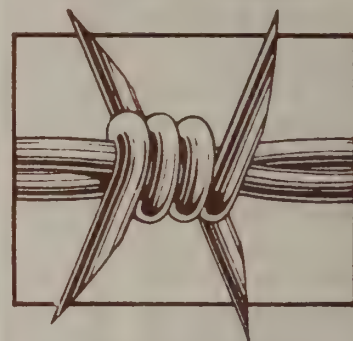
50' Roll.....\$5.00

**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**

... And check for
possible price changes



2 POINT BARB



4 POINT BARB

UNICO SPECIAL VALUE ZINC-COATED BARBED WIRE

There is a lot of difference in the quality of barbed wire on the market today. G.L.F. wire is made with a flexible copper bearing base wire plus a heavy zinc coating. It is purchased in carloads and shipped direct to your G.L.F. service agency which enables you to buy the quality barbed wire at very reasonable prices.

4 pt. 12 $\frac{1}{2}$ ga. cattle wire.....\$3.75 per 80 rod spool.
 4 pt. 12 $\frac{1}{2}$ ga. hog wire..... 4.10 per 80 rod spool.
 2 pt. 14 ga. cattle wire..... 2.60 per 80 rod spool.

The 2 pt.—14 ga. cattle wire is very flexible and is recommended for use with electric fences.

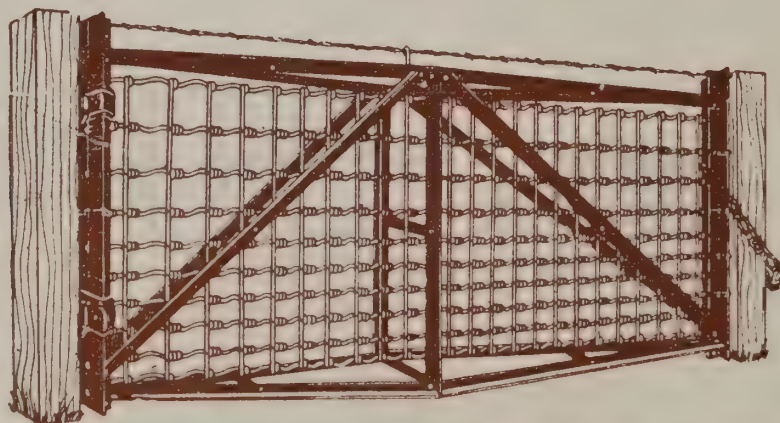
12 GAUGE SMOOTH GALVANIZED WIRE

100 lb. roll—12 ga.—33 ft. per pound.....\$4.85
 25 lb. roll—12 ga.—33 ft. per pound..... 1.50
 10 lb. roll—12 ga.—33 ft. per pound..... .70
 No. 9 galvanized grape wire—100 lb. rolls, 17 ft. per lb. . . 4.50



GIANT *Never Sag* STEEL GATES

An Angle
Steel Gate
Built Like
A Bridge!



12 Foot
\$10.80

14 Foot
\$11.50

Has tremendous strength, and is absolutely rigid. Has a double frame of angle steel, joined at the ends, and spread apart at the middle, giving a truss effect. Four long steel braces from middle to ends further strengthen the frame. It

is filled with No. 9 farm fence, having stays 6 in. apart. One strand of 4-point barbed wire above. Furnished with hinges for wood post, and chain latch. Made in 12 and 14 foot lengths, all 55 in. high.

The Farmer can now
do a good Horse-
Shoeing Job with

HORSE SHOES

from
G.L.F.



**Packed
in Pairs**



You can now obtain well-made, easy-to-use horse shoes at your G.L.F. service agency, packaged a pair to a box, either front or rear.

With these shoes you can keep your horses well shod. They are suitable for use from early spring to late fall. How-

ever, for the icy roads of winter, the horse should have drive caulked shoes. While caulked shoes are not as yet available at your G.L.F. service agency we expect to have them on hand by the winter of 1941-42.



These horseshoes are made of U. S. Govt. horseshoe specification steel not to exceed 10% carbon. They are hard enough to wear very well and still can be shaped cold. All nail holes and grooves are clean-cut and will hold nails tighter and therefore, shoes tighter to the foot. These shoes are rolled—not cast or drop-forged—and thus have cleaner heel and toe caulks and will not spring.

**Easy to Fit
and Nail**


**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**
... And check for
possible price changes

CHOOSE THE RIGHT SHOE FOR THE FOOT			
All hind shoes are 1/2" longer than front shoes.			
Size No.	Length of Hoof	Width of Hoof	Price Per Pair
2	5 1/4"	4 7/8"	35¢
3	5 7/8"	5 1/8"	43¢
4	6 7/16"	5 5/16"	52¢
5	7 3/16"	5 11/16"	60¢
6	7 1/2"	6 1/4"	70¢
7	8"	6 1/2"	80¢

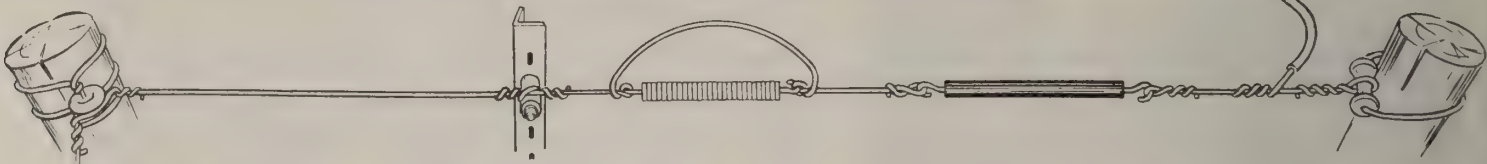
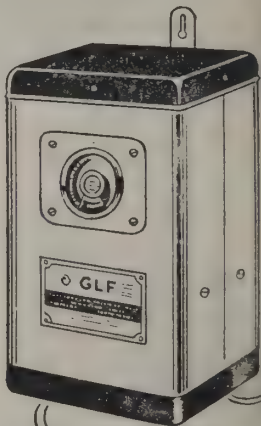
ELECTRIC FENCE CONTROLLERS

G.L.F. offers two outstanding fence controllers—one, a combination for universal use which operates on either A. C. or battery, and another for battery only where A. C. current is not available. Each controller has the approval of the Wisconsin Industrial Commission, the accepted authority on fence controller regulation. Both controllers have a "Glow Light" indicator for checking the effectiveness of the fence and a Detect-O-Meter to show the condition of the battery.

Model 1157 Combination (A. C. or Battery) Controller \$17.50



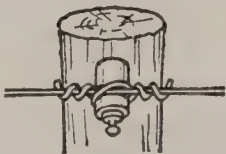
Model 1157



CORNER POST HOOK-UP

Use strong, well glazed porcelain corner knob. On trees, glass telephone type insulator recommended.

LINE POSTS



Typical gate-hook installation. At least one should be provided in every fence.

CONTROLLER HOOK-UP TO FENCE

Use insulated wire from Controller to fence and support it on insulators. Connection to fence wire must be tight and rust free.

MODEL 6B3 BATTERY CONTROLLER . . . \$8.95



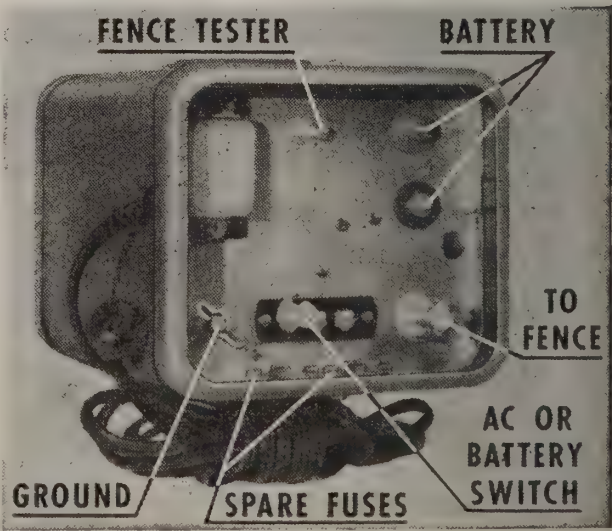
Model 6B3

Operates from any 6 volt battery. This controller has the same high quality throughout as is used in the construction of the Combination Controller.

FEATURES

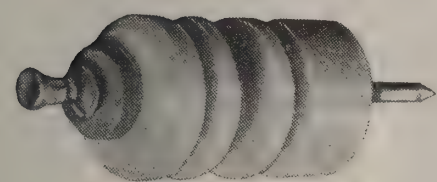
Adaptable—Weatherproof for inside or outside use. Trouble Free—Operates in any position. No radio interference. Lightning Protection—Built-in Arrestor. A. C. line double fused. Economical—One watt A. C. Consumption. 3 to 4 months battery life.

Bottom View of Model 1157



ELECTRIC FENCE ACCESSORIES

For use with Electric Fence Controllers



No. 62 porcelain knob assembled with leather washer and double headed nail.

Each 1 3/4¢

No. 62 porcelain knob only.

Each 1 1/4¢



No. 37 heavy porcelain corner knob. Each..... 5¢

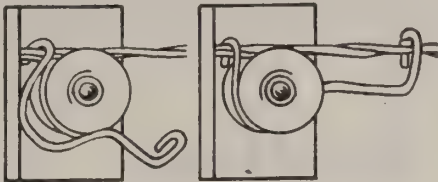


Glass Insulator with Wood Bracket for use on trees. No. H-9 Glass Insulator 7¢, No. J-2550-4 Wood Bracket 3 1/2¢

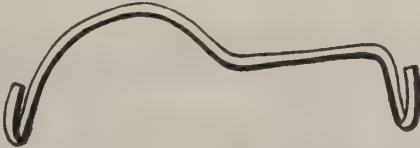


Insulated gate hook with spring complete.

Each.....25¢



Kwik Klip for fastening charged wire to porcelain knob. 100 for.....35¢

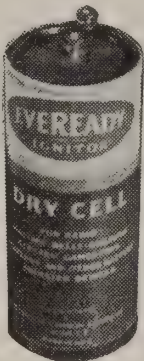


No. TT (Twin Tower) Lightning Arrester. Special design for electric fence45¢

No. TS (Twist Tight) Insulator Fastener for steel posts. Per hundred.....50¢



Ever-ready No. 1461 hot shot 6 volt battery.
Each.....\$1.85



Ever-ready ignitor Dry Cell No. 6, 1 1/2 volt.
Each.....40¢



Ever-ready No. 614 Hot Shot 6 volt battery. Specially built for fence controllers. Gives longer life.
Each.....\$2.25



Special electric fence post, a 1" x 1" angle iron post, 60 inches long, drilled every 6 inches.

Each.....22¢

KOW KICKER



USEFUL FOR MOVING ANIMALS WITHOUT INJURY

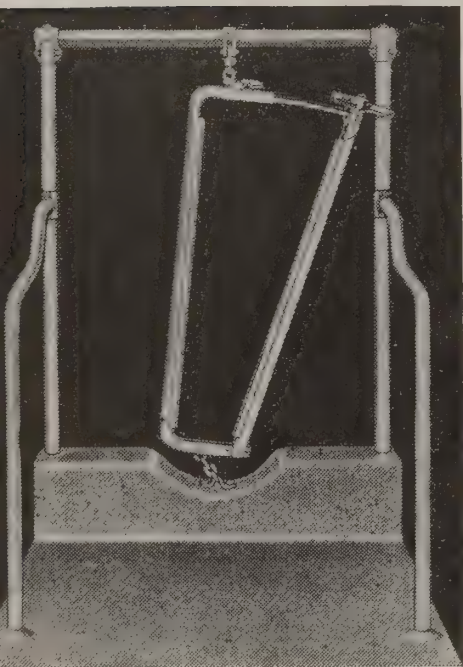
Powered with new wasp motor, operated from flashlight batteries, has an improved automatic switch, economical to operate, and moves the most stubborn animal instantly. \$4.25



BARN EQUIPMENT



The Modern, Sanitary Well-Equipped Barn Saves Work, Time, Money

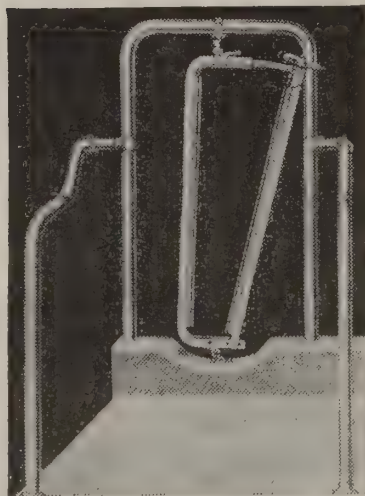


No. 100 Stall only with Anchor System — Stanchion Extra.....\$6.35

● So much emphasis is being placed on sanitary conditions these days by dairy authorities, that the dairyman needs to give serious thought to his entire barn layout. G.L.F. provides complete equipment for the purpose, built to accepted specifications and approved by leading dairy authorities.

COW STALLS . . . Strong and Sturdy

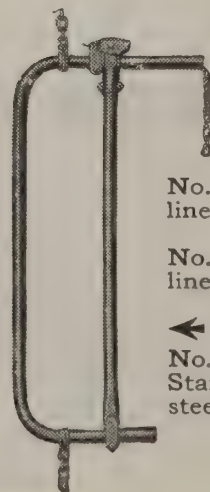
Built with high carbon steel tubing. Attractive aluminized finish. Equipped with convenient anchor system —easy to install. Consult your G.L.F. Service Agency forequipment to meet your particular requirements.



No. 6A Stall only with Anchor System — Stanchion Extra.....\$7.25

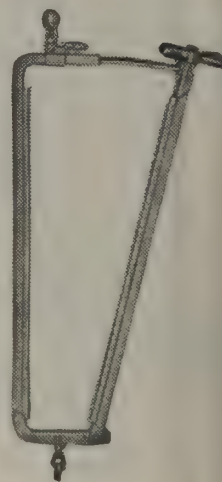
Easy-to-Use STANCHIONS

Durably constructed from high carbon steel for extra strength. Adjustable neck space, strong and easy operating. Specially designed chain hangers give free action and comfort.



No.193W,wood lined . . . \$3.50

No. 193, not lined . . . \$3.10



No. 4X, Bull Stanchion, all steel.....\$6.15

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

STALL PARTITIONS

Triple bend stall partition made of high carbon steel tubing. Protect valuable cows from udder injuries and from crowding by cows in adjoining stalls. For either steel or wood stalls.

No. 33, stall partition less flange.....\$1.90
No. B203, flange for wood.... .70
No. B202, flange for steel.... .70



SAFETY BULL STAFF



Protects against accidents when handling any bull. It pays to play safe! Built of 1 1/16" high carbon steel tubing with malleable lock hook. Stands heavy strains without breaking. Length, 4' 9". Aluminum finish.

\$3³⁵

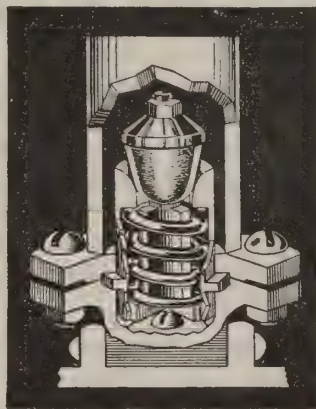
For Better Milk Yield



CAST WATER BOWL

A deep, large capacity bowl—adjustable water level. Top and bottom tapping permits easy connection to any pipe line.

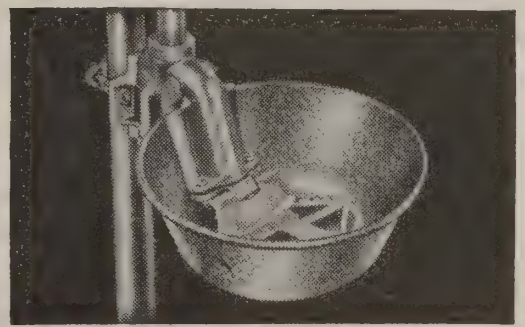
No. 69.....\$3.25



TROUBLE-FREE VALVE

Fuller ball type, self-contained. All brass—no rust or corrosion. Operates without vibration or pounding on high or low pressure. Standard feature on 69 and 89 bowls.

Keep Water Available

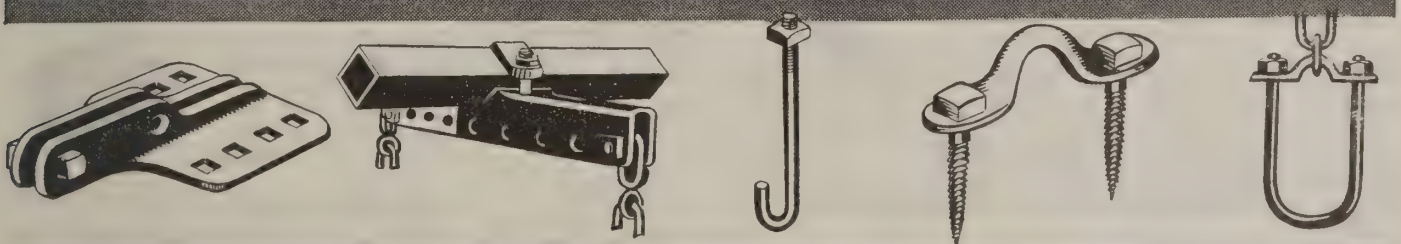


STEEL WATER BOWL

A quick, detachable bowl made of deep drawn steel, hot galvanized after forming. Easy to clean and highly sanitary. Top and bottom tapping.

No. 89.....\$3.50

Useful STANCHION FITTINGS



STANCHION ALIGNMENTS

Top or bottom alignment for wood, or bottom for steel.

No. B211
45¢

Top alignment for steel—handy for lining up large and small cows.

No. 140S
70¢

Top stanchion fastener for wood.

No. 113A
10¢

Bottom stanchion fastener for wood.

No. 113B
15¢

Bottom stanchion fastener for concrete.

No. 110B
25¢

STANCHION FASTENERS



GOOD PLANNING

● WHEN YOU BUILD—OR RE-BUILD— MAKE USE OF GOOD PLANS AND SUGGESTIONS

Stall and Panel Fittings



No. B224
1½" Square
Tee.....70¢



No. B234
1½" Square
Flange for
wood.....60¢



No. B202
1⅝" Three Bolt
Tee.....70¢



No. 37
Inside Splice for
1½" square
tubing....40¢



No. B203
1⅝" Round
Flange for
wood.....70¢



No. 0325
Pipe Clamp for
attaching milk-
er or water pipe
to steel stalls
.....40¢

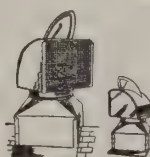
The barn is so important that it pays to plan it well. Naturally you will select good materials and good equipment. It is equally important to employ a trustworthy and efficient contractor. It will be helpful in making your plans to write to your State agricultural college for a copy of U.S.D.A. Book of Plans No. 278 (price 30¢) containing over 100 building plans. Also ask the college for their free barn plans, blueprints and suggestions.

GOOD HORSES DESERVE GOOD STALLS



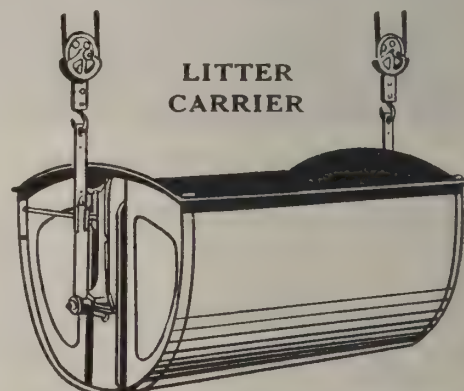
Built to fit 5' wide stalls. Other sizes furnished on order. Frame 1⅝" and fillers ⅞" high carbon steel tubing. See your G.L.F. Agency for recommendations and prices.

Revolving Head VENTILATOR



For Poultry and
Hog Houses,
etc., 8" to 18"
diameter flues.
.....\$7.50 up

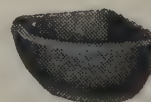
LITTER CARRIER



Economical—dumps automatically—cleans itself when dumped. Latches at both ends of tub unlock simultaneously. Operates on cable or cable and track. 6 bu. capacity. Price.....\$28.00

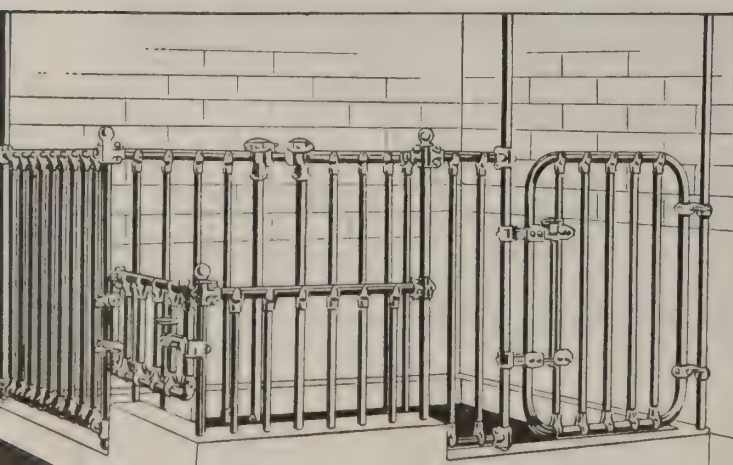
CORNER FEED BOX

Inwardly project-
ing flange prevents
waste of feed. At-
taches in stall cor-
ner—wood or con-
crete.....\$4.25



SANITARY, STURDY PENS

See your G.L.F. Service Agency for recom-
mendations and prices on better built Bull, Cow and
Calf Pens.

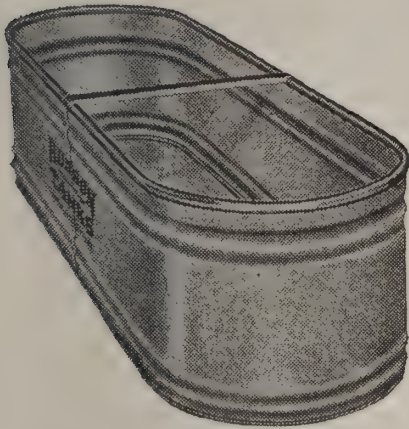


FEED TRUCK

16 bu. capacity. One load feeds 20 cows. Built low
down—easy to fill and remove feed. No. 141R with
pneumatic tires as shown.....\$61.85



LONG LASTING TROUGHS



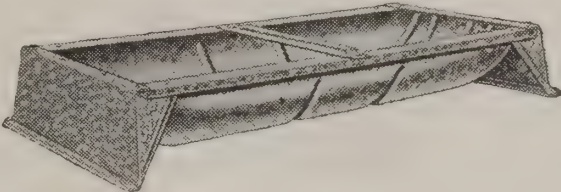
**STOCK WATERING
TROUGHS**

Crush-proof walls. Side walls rolled over 7/8" O.D. seamless pipe and stiff, double twin-bead sides. Bottom bead protects the four-ply sweat-soldered seam. Brass bushing and drain plug in side, near bottom.

No. RE 224	2'	x 2'	x 4'	\$ 7.75
No. RE 228	2'	x 2'	x 8'	 14.25
No. RE 25210	2 1/2'	x 2'	x 10'	 19.15



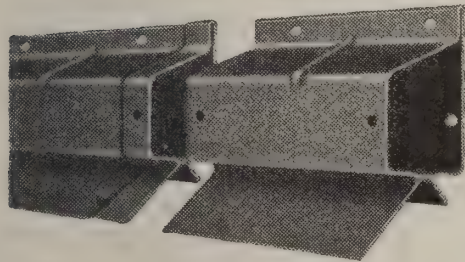
**HOG FEED AND
WATERING TROUGHS**



All edges double-folded. Feed easy to get at. One-piece trough body die-formed. Ends slightly curved to prevent damage from freezing.

No. NH4	4' long	\$1.25
No. NH6	6' long	 1.90

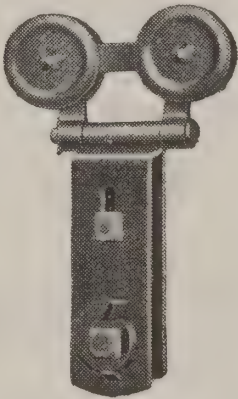
EASY ROLLING DOOR TRACKS AND HANGERS



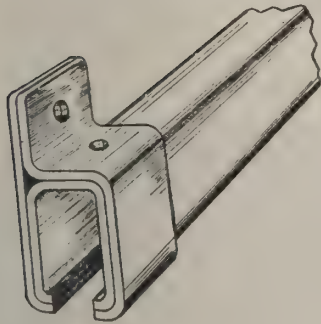
**No. 10 All Weather
Door Track**

Needs no brackets or couplings. Ends telescope and lock together. Extension lip fits tightly against building. 6, 8 and 10 ft. lengths.
Per Foot.....34¢

**No. 503 Adjust-
able Hanger**
for No. 10 Track
\$1.90 per pair



TUBULAR TYPE

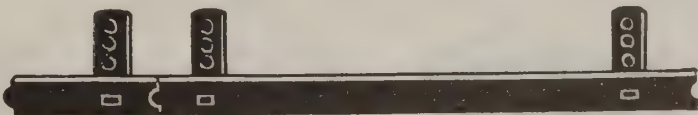


No. 27 Track
High carbon steel.
6, 8 and 10 ft. lengths.
15¢ per foot
No. 277 Bracket
16¢ each



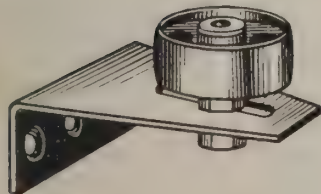
No. 5 Hanger
Four wheel tandem
trolley for No. 27
Track. For doors up
to 250 pounds.
\$1.25 per pair

FLAT TYPE

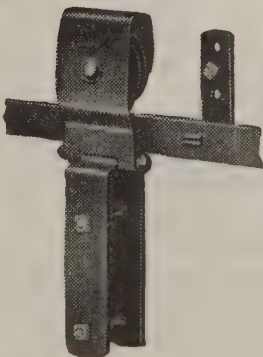


No. 680 TRACK. High carbon steel track supported by rigid brackets. 6, 8 and 10 ft. lengths.
Per Foot.....12¢

STAY ROLLER



No. 153. Adjustable, for inside or outside doors. Prevent bent hangers and broken doors by using stay rollers. Each.....30¢



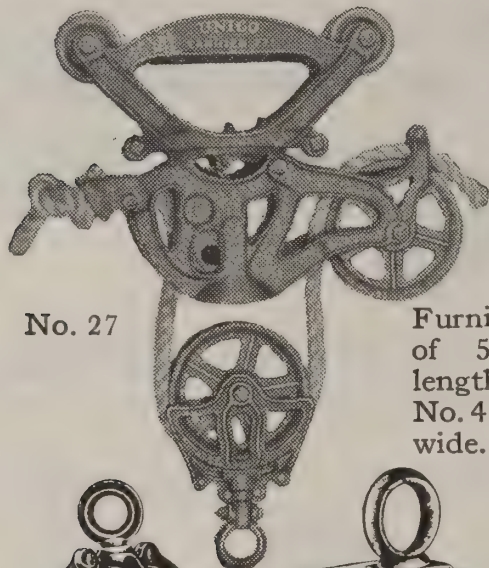
No. 68 HANGER

For No. 680 Track.
Per pair.....\$1.00



HAY TOOLS and Equipment

G.L.F.



No. 27

HEAVY DUTY HAY CARRIER

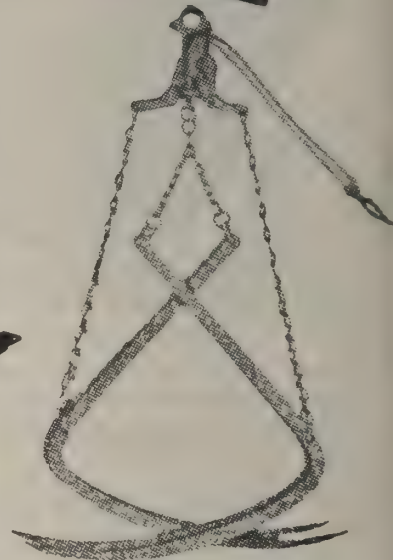
No. 27 Heavy Duty Roller Bearing Hay Carrier with 7" rope Sheaves\$15.00

No. 28 Standard Fork Carrier, plain bearings with 4" Sheaves....\$11.50

HAY CARRIER TRACK A Perfect Runway for Heavy Loads

Furnished in sections of 5 and 10 foot lengths.

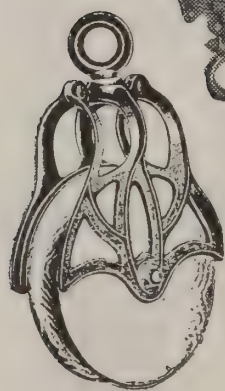
No. 420. Track 2 1/2" wide. Per foot. .24¢



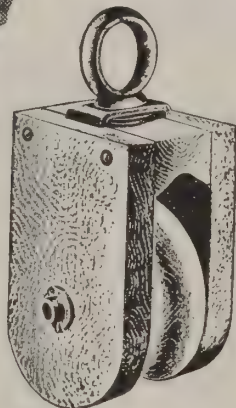
LOOSE TINE FLEXIBLE GRAPPLE FORK

No. 1—Loose Tine Fork. 26-inch tine, opens 78"\$11.85

No. 2—Heavy Tine Fork. 32-inch tine, opens 92"\$12.85



No. 611



No. 608

PULLEYS

No. 611—6-inch Knot Passing Pulley. Each\$1.05

Reed pattern all wood frame pulleys.

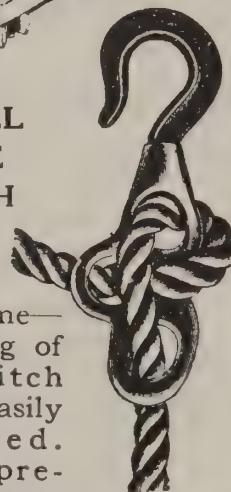
No. 508—5" Sheave, Each.....90¢

No. 608—6" Sheave, Each....\$1.50

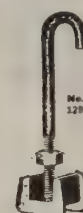
SWIVEL ROPE HITCH

Saves time—no wasting of rope. Hitch can be easily shortened. Swivel prevents twist.

No. 103...45¢



No. 103



TRACK HANGERS

No. 129. Adjustable Steel Track Hanging Hook, used for double steel track. Regular length 6 1/4 in.

No. 129. 6 1/4 in. Ea.. 17¢

RAFTER BRACKETS

No. 49S. All steel, strong and safe. Ea. 6¢



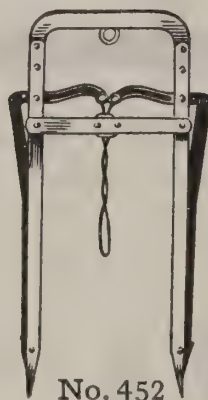
No. 49S Steel



No. 317

THE LOCK LEVER FORK

No. 317 — Lock Lever Hay Fork. Length under cross bar, 30". Tines made from steel, 3/8x1 3/8". \$6.50



No. 452

DOUBLE HARPOON FORK

Heavy pattern. Length of tine under cross bar, 28". Width between tines 17"....\$3.50

PURE MANILA HAY ROPE

This rope is made from high grade Pure Manila Fibre and is manufactured to give the utmost number of feet per pound and still maintain the great strength and endurance to which you are entitled. Sold by the pound.



PRICES

Size

1" 7/8" 1 1/2" 3/8" 1 1/4"

Feet

per lb. 3 ft. 9 in. 4 ft. 5 in. 13 ft. 4 in. 24 ft. 5 in. 50 ft.

Price per lb.

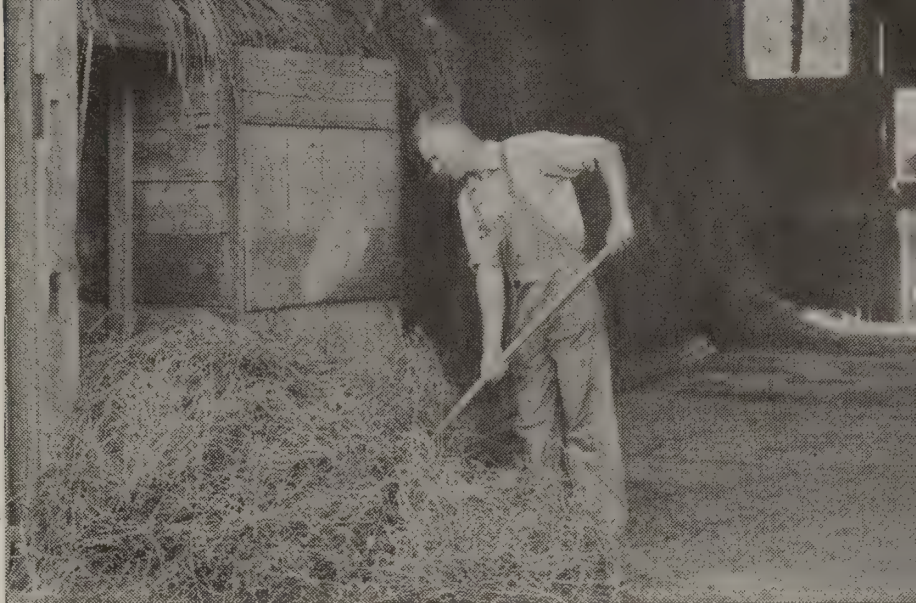
.22¢ .22¢ .23¢ .25¢ .26¢

Equal to Price per ft.

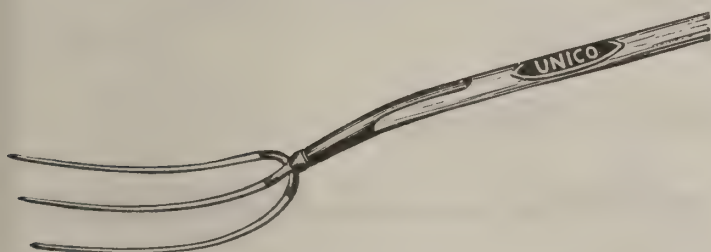
.0594¢ .0495¢ .0172¢ .0135¢ .009¢

FARM AND GARDEN TOOLS

built to your requirements



Most of these tools come in two grades: DeLuxe and Unico. DeLuxe brand tools are made from top quality heads and selected ash handles that are smoothly sanded, lacquered and fitted with tubular ferrules. Unico brand tools are thoroughly reliable and will give good service. Handles are fitted with strap ferrules.



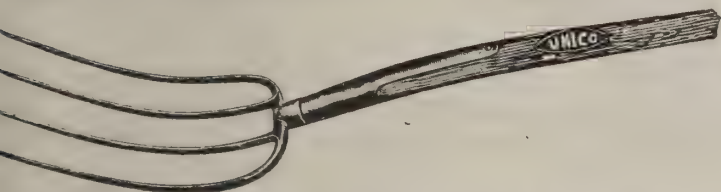
Three Tine Hay Fork with 4 ft. bent ash handle.

G134 DeLuxe, 4 ft. handle.....\$1.25
A34 Unico, 4 ft. handle..... .85
G133½ DeLuxe, 3½ ft. handle..... 1.25



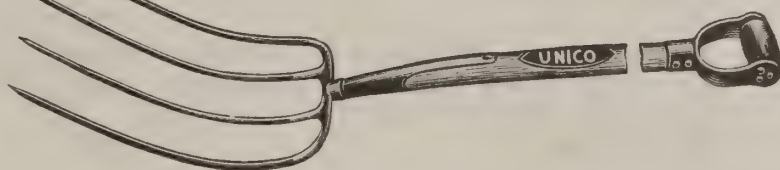
Wide Three Tine Hay Fork with 4 ft. bent ash handle.

GWT134 DeLuxe, 4 ft. handle.....\$1.35
AWT34 Unico, 4 ft. handle..... .95
GWT133½ DeLuxe, 3½ ft. handle.... 1.35



Four Tine Manure Fork with 4 ft. bent ash handle.

A44 Unico.....95¢



Four Tine Manure Fork with D ash handle.

A44DS Unico.....\$1.00



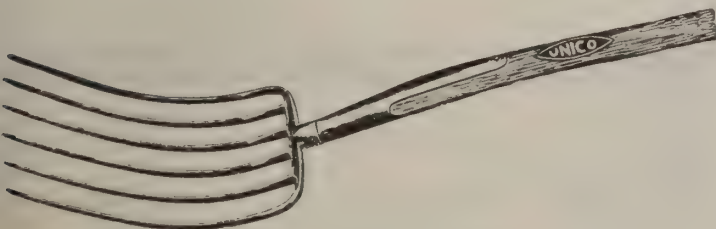
Five Tine Manure Fork with 4 ft. bent ash handle.

G154 DeLuxe.....\$1.60
A54 Unico..... 1.20



Five Tine Manure Fork with D ash handle.

G154DS DeLuxe.....\$1.65
A54DS Unico..... 1.25



Six Tine Manure Fork with 4 ft. bent ash handle.

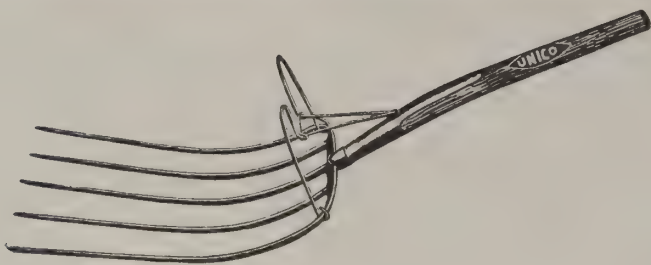
G164 DeLuxe.....\$1.80
A64 Unico..... 1.35



Six Tine Manure Fork with D ash handle.

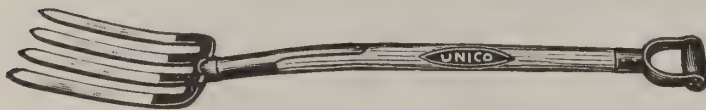
G164DS DeLuxe.....\$1.85
A64DS Unico..... 1.40

BARLEY, ENSILAGE & SPADING FORKS



Five Tine Barley Fork with 4 ft. bent ash handle or with D handle.

GB154 DeLuxe (long handle).....\$2.10
GB154DS DeLuxe (D handle)..... 2.15



Four Tine Light Spading Fork with angular tines 11 in. long.

A40S Unico.....85¢



Ensilage Fork with raised shoulders and outside tines turned up. Oval tines with 30 inch heavy D handle.

UE8B Eight tines 16" long, DeLuxe.....\$2.50

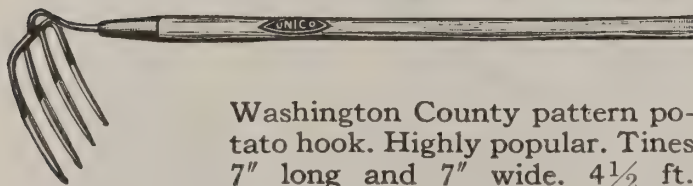
UE10B Ten tines 16" long, DeLuxe..... 2.70



Four Tine Heavy Spading Fork with bent handle, wood D top. Tines 11 in. long.

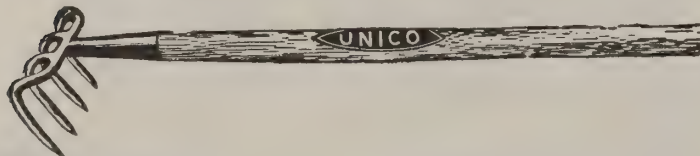
HPW DeLuxe\$1.60

UNICO HOES AND HOOKS



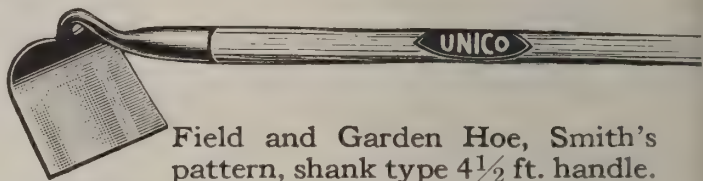
Washington County pattern potato hook. Highly popular. Tines 7" long and 7" wide. 4½ ft. handle.

U4WC 4 tines, DeLuxe\$1.15



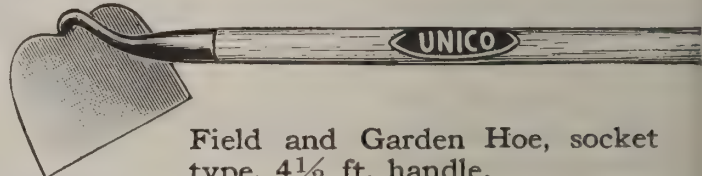
Cultivator and Weeder, has four sharp tines and is small and light. Head 5 in. wide, tines 4 in. long, handle 4⅓ ft.

G4 DeLuxe.....90¢



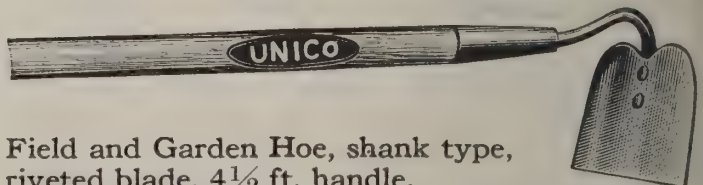
Field and Garden Hoe, Smith's pattern, shank type 4½ ft. handle.

GSMS7—7" blade, DeLuxe.....\$1.10



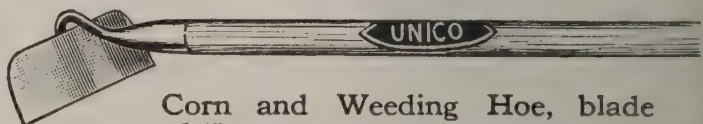
Field and Garden Hoe, socket type, 4½ ft. handle.

GFGS7—7" blade, DeLuxe.....\$1.00



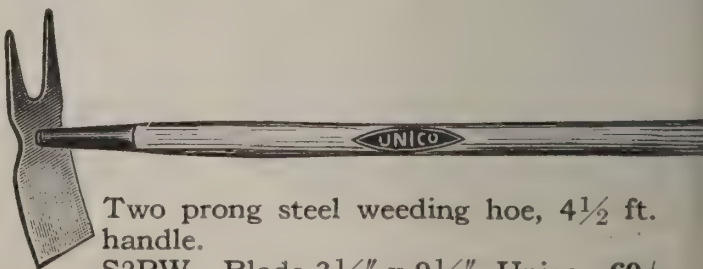
Field and Garden Hoe, shank type, riveted blade, 4½ ft. handle.

AFR6½—6½" blade, Unico55¢



Corn and Weeding Hoe, blade 2½" deep.

GNCS7½—7¾" blade, DeLuxe\$1.15



Two prong steel weeding hoe, 4½ ft. handle.

S2PW—Blade 3½" x 9½", Unico..60¢



PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY

... And check for
possible price changes

CULTIVATORS



HIGH WHEEL CULTIVATOR

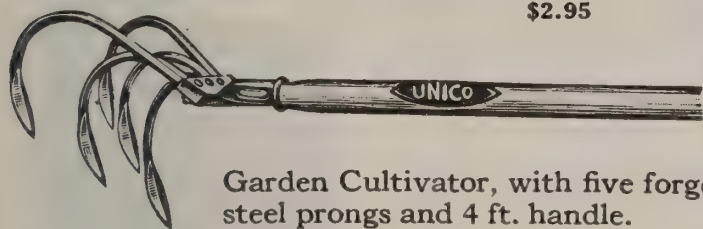


For home gardens and small truck farms
No. 850. 24" diameter wheel. Flat Tire, 1 1/4" by 1/8", eight staggered spokes, varnished oak handles. Complete with attachments as shown. \$2.95



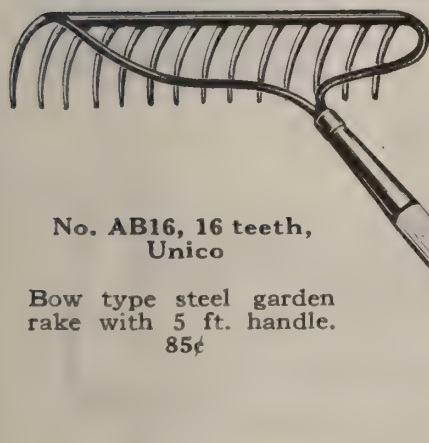
LOW WHEEL CULTIVATOR

No. 610S. Efficient small cultivator. Wide range of tool adjustment. 15" diameter wheel. Flat Tire, 1 1/2" by 1/8". Complete as shown \$5.00



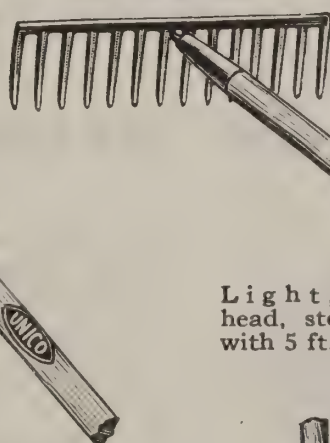
Garden Cultivator, with five forged spring steel prongs and 4 ft. handle.
5X Standard.....95¢

RAKES AND TRIMMERS



No. AB16, 16 teeth, Unico

Bow type steel garden rake with 5 ft. handle. 85¢



ALS14, 14 teeth, Unico.....55¢
ALS16, 16 teeth, Unico.....65¢

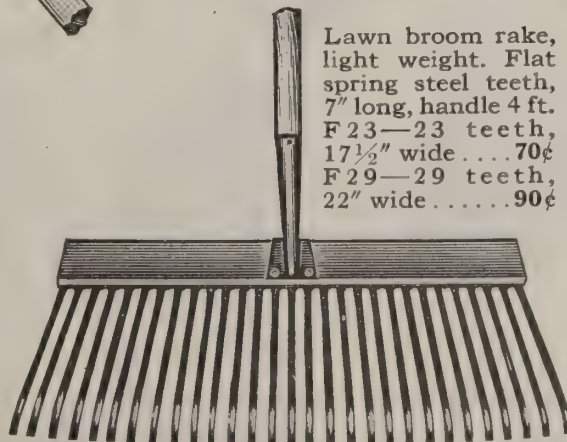
Light, level head, steel rake with 5 ft. handle

No. CN7, 16 teeth, 15" wide, Unico

Flexible, high carbon steel, tooth rake. 48" fir handle. 35¢

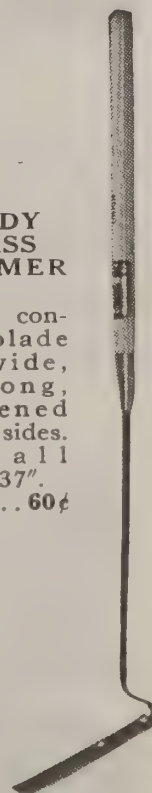


Lawn broom rake, light weight. Flat spring steel teeth, 7" long, handle 4 ft.
F23—23 teeth, 17 1/2" wide....70¢
F29—29 teeth, 22" wide.....90¢

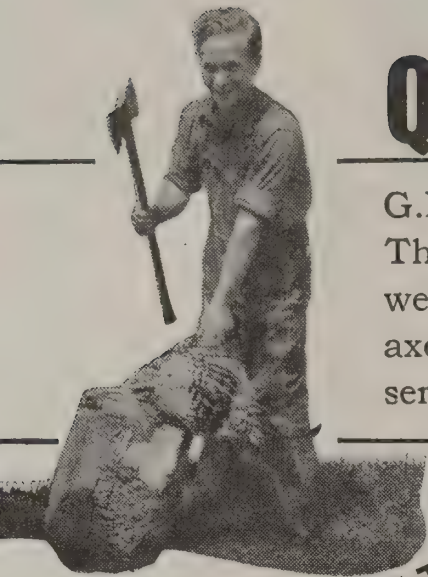


HANDY GRASS TRIMMER

Strong, concave blade 1 3/4" wide, 8 1/2" long, sharpened on both sides. Overall length, 37".
USGT8..60¢



DANDELION WEEDER DW36...30¢
Blade, 1 1/4" wide—36" handle.



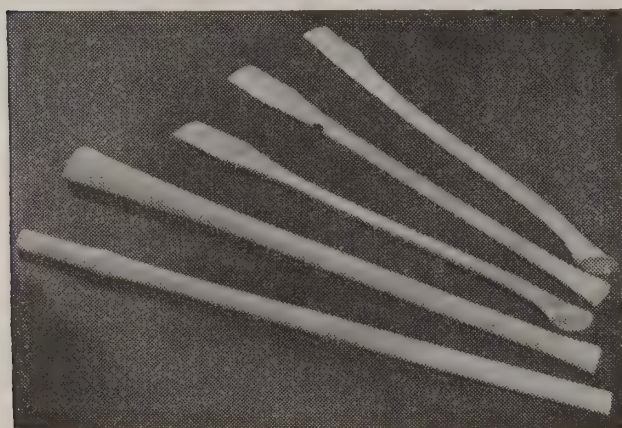
Quality-Made AXES

G.L.F. axes are made in two grades—"BETTER" and "BEST". The BEST axe is manufactured to the highest specifications that we know of for an axe. It is a beautifully balanced, easy swinging axe. The BETTER axe is also well made and will give good service for a lower cost.



Single Bit Axes, Better \$1.75, Best \$1.95

Double Bit Axes, Better \$2.00, Best \$2.45

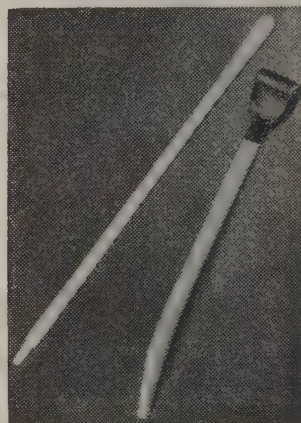


Handle lengths on all axes 32" or 34", weights 3½ lb. and 4 lb.

REPAIR HANDLES

Why try to work with a broken handle when you can get a first-class new one for just a few cents at your G.L.F. Service Agency?

Axe, Sledge & Pick Handles	Fork Handles
30¢ to 50¢	34¢ up



PUSHERS AND SCRAPERS

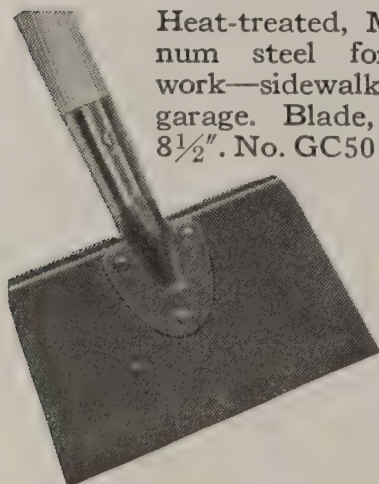
CHICKEN HOUSE AND BARN SCRAPER



16 gauge, high carbon steel blade, 4½ ft. ash handle. Blade 18" x 7". No. CH18. 95¢

ICE SCRAPER

Heat-treated, Molybdenum steel for tough work—sidewalk, barn or garage. Blade, 4½" x 8½". No. GC50.

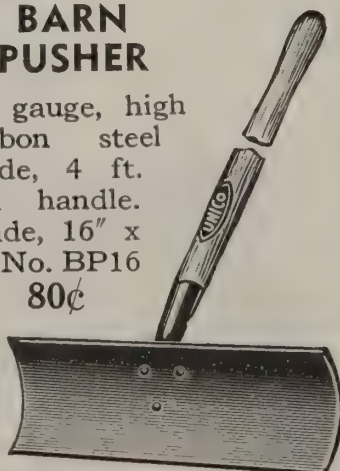


70¢

BARN PUSHER

16 gauge, high carbon steel blade, 4 ft. ash handle. Blade, 16" x 7". No. BP16

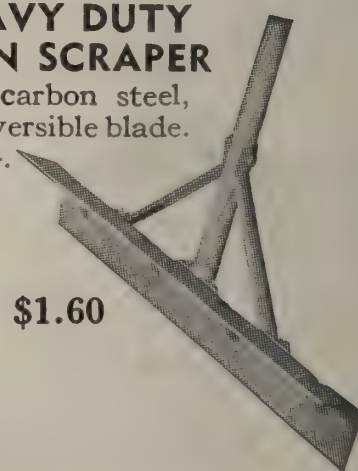
80¢



HEAVY DUTY BARN SCRAPER

High carbon steel, 24" reversible blade. No. 24.

\$1.60



**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

SHOVELS FOR LIGHT AND HEAVY WORK

These shovels represent top value for practical all-around farm needs. They cover the range from low cost serviceable shovels to those of unexcelled quality for severe use.



LONG HANDLES



5B2CB

Sturdy, long handle, round pointed shovel with turned shoulders. 15 gauge heat treated blade with closed back.

\$1.45



5C2TS

Long handle, round pointed shovel, heat treated blade with hollow back.

\$1.10



C82G

Strong, long handle, gutterscoop, with heat treated blade 11 1/4" x 15".

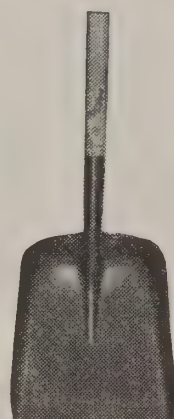
\$1.00



LS1

Long handle, barn shovel with 16 gauge heat treated blade 11 1/4" x 14 1/4".

75¢



048L

Economical, long handle, barn or snow shovel with 11 1/4" wide blade.

50¢

D-HANDLE SHOVELS



3C2CB

D handle round pointed shovel with turned shoulders. 15 gauge heat treated blade with closed back.

\$1.35



B140 LWC

Grain scoop with 17 gauge heat treated blade, 14 1/4" by 17 1/2" . . . \$1.80

B138 LWC
13 3/4" by 16 1/2" . . . \$1.75

\$1.75



VS1

D handle, barn shovel with 16 gauge heat treated blade 11 1/4" x 14 1/4".

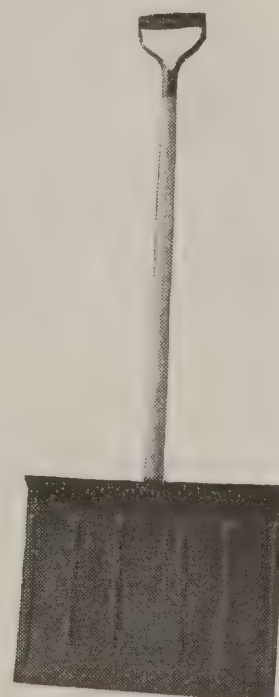
85¢



OD

D handle barn or snow shovel with 11 1/4" wide blade.

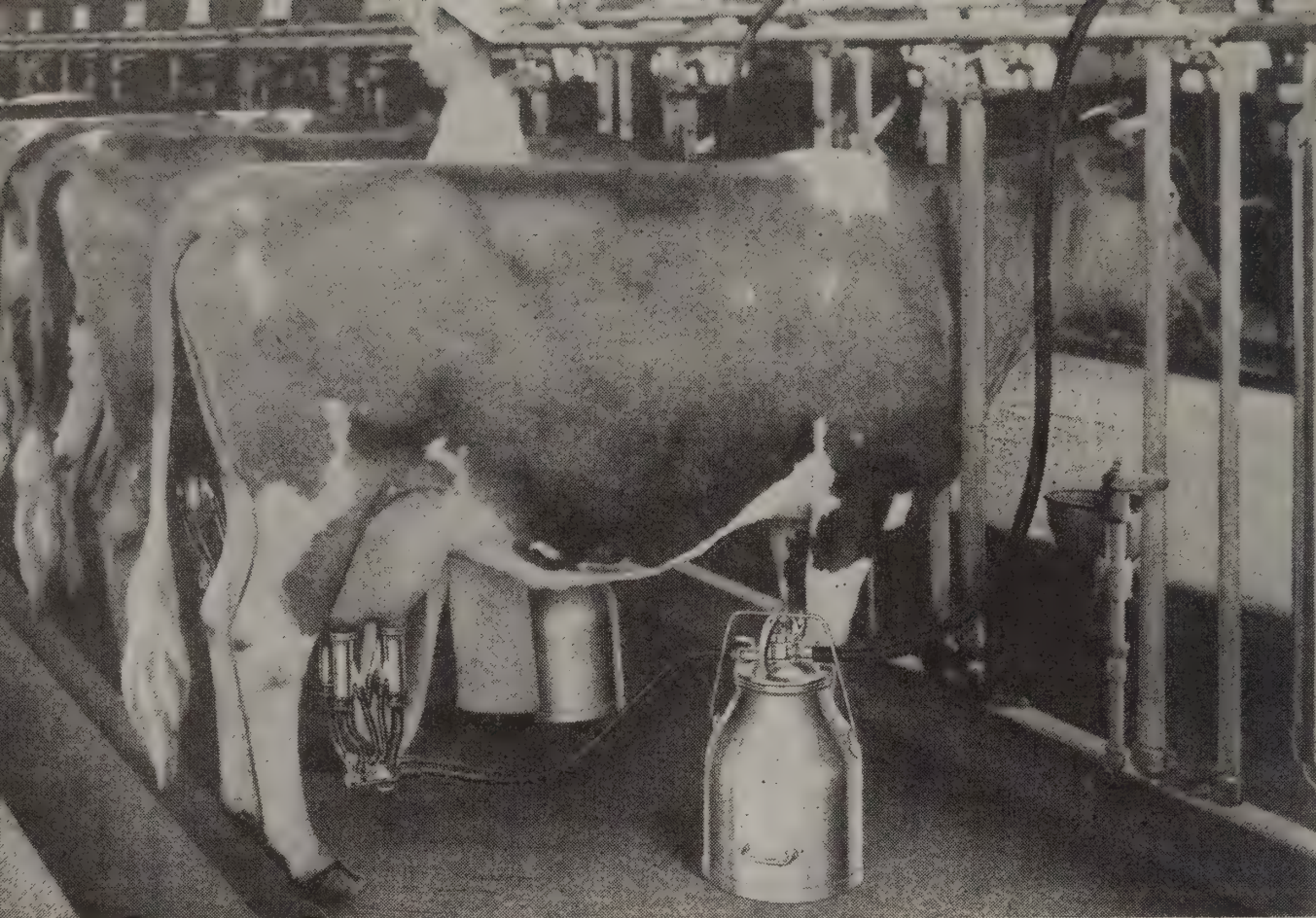
55¢



MONTICELLO

Sturdy, D handle, snow shovel with 18" x 15" blade of 18 gauge spring steel.

75¢



DE

**Fast
Clean
Milking**

MAGNETIC SPEEDWAY MILKER

**RETAINING ALL THE FEATURES PROVED
BEST BY EXPERIENCE**



SIZES AND STYLES TO MEET EVERY NEED

Magnetic Speedway Milkers from \$210.00 up. Motor and piping extra.

Consult your local G.L.F. Service Agency for quotation on equipment to meet your particular requirements.

STAINLESS STEEL PAIL—No seams, joints or rivets; will last for years and retain its bright, silvery appearance. Aluminum pails are also furnished with Speedway Milkers at lower cost, when desired.

OPERATING TOP—Improved in design and operation; all parts coming in contact with milk easily and quickly cleaned.

STAINLESS STEEL TEAT-CUPS—Retain their bright, smooth, silvery appearance, and are resistant to wear and distortion.

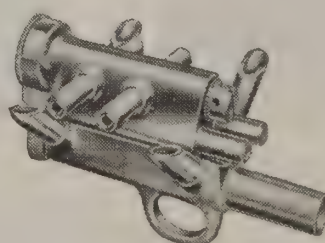
DELATEX RUBBER—Developed from a new formula and compound. Tougher, more durable, more resistant to fat, has a smoother, harder, inner surface, and is easier to clean.

SANI-CAP MILK TUBE—A combination milk tube and teat-cup bottom that is easier to assemble and remove, making cleaning easier at this vital point.



MAGNETIC PULSATION CONTROL

Master magnetic mercury control at pulso-pump creates and controls pulsations for each unit in use by magnetic force. Provides absolutely uniform, regular milking. Simple, fool-proof, non-adjustable.

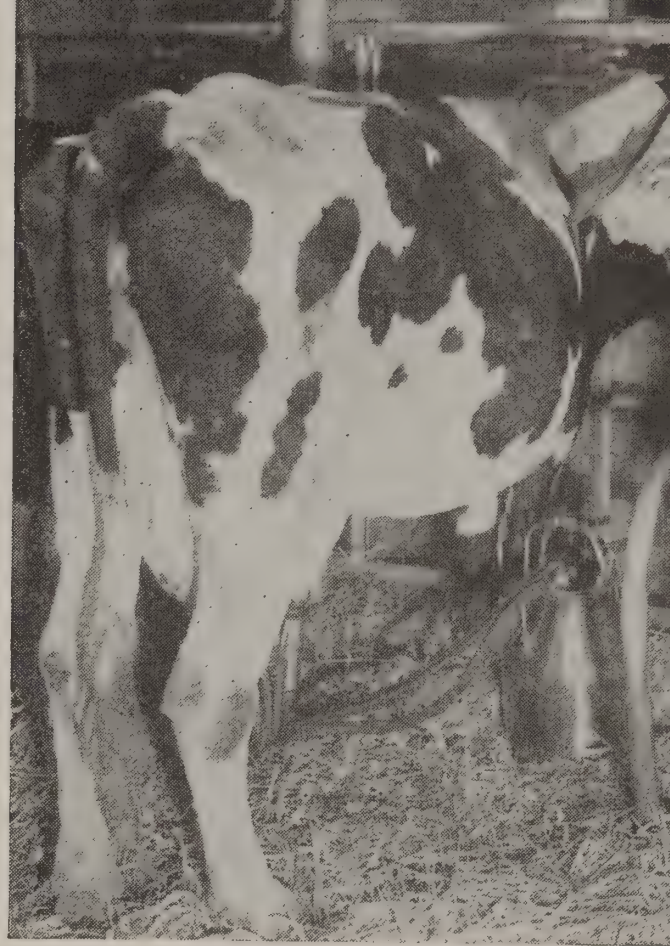


ONE-MOVING PART PULSATOR

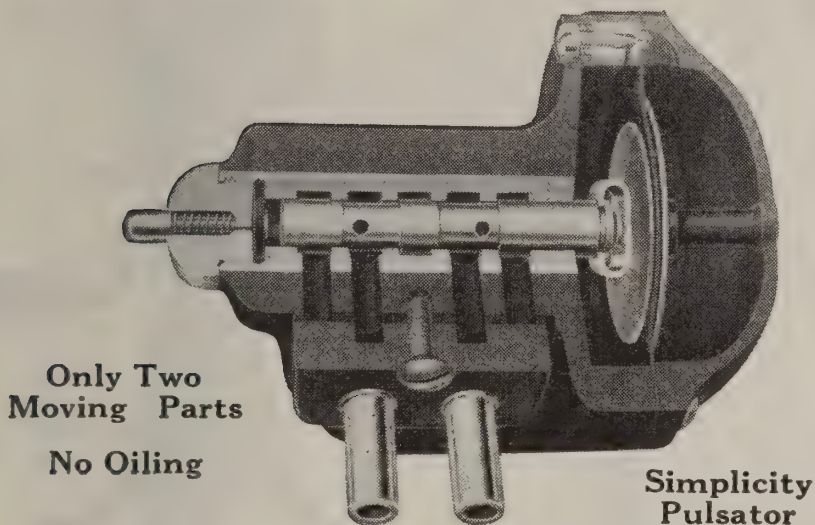
Never requires oiling or adjustment. Located within six inches of teats, yet provides snappiest pulsations.

LAVAL MILKERS

STERLING MILKER



A low cost companion for the famous De Laval Magnetic Speedway Milker. Units can be used on any type of single pipe line milker.



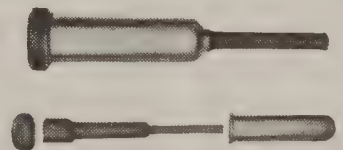
The new De Laval Sterling Milker has many features never before found in a lower priced milker. It is suitable for any herd but is intended primarily for use with smaller herds.

The new "Simplicity" Pulsator has only two moving parts—a simple piston which never requires oiling controlled by a disc type governor. It is dependable and reliable.

The milking action of the De Laval Sterling, because of the precise control of the "Simplicity" Pulsator, is vigorous and stimulating; it pleases the cow. The De Laval "Delatex" milker rubber parts used on the Sterling are tough, long lasting, have a smooth, sanitary, inner surface, will withstand heat sterilization.



Single or Double Units



The De Laval Sterling Teat-Cup is easy to assemble and take apart. It consists of a one-piece metal shell with a one-piece rubber liner which can be kept at proper milking tension. Fits all sizes of teats properly and snugly and applies vacuum only to the end of the teat. Milk cannot "wash" the teat.

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

\$142.50 up

Complete installation, including two single units, pipe and motor, for twenty cows, ready to milk.....\$275.00



DE LAVAL SEPARATORS

WORLD'S STANDARD SERIES

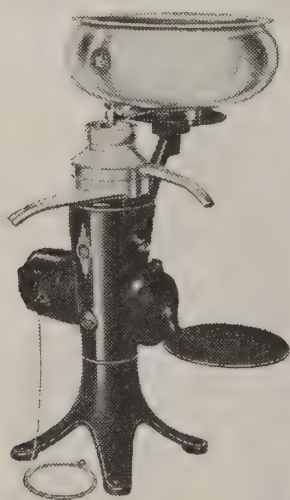
The De Laval "World's Standard" Series are acknowledged leaders. While their capacities have been increased, the separation also is more complete even under difficult conditions. Available with low stand at no extra cost. Four sizes: 400 to 1150 pounds per hour. Prices from \$94.50 to \$142.50. Electric motor equipment for 110V 60 cycle, A.C., \$35 extra.



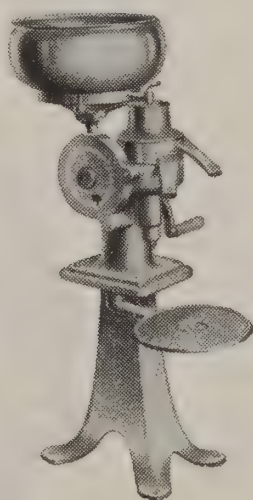
Capacity
800 lbs.
Per Hour

No. 18
\$115.00

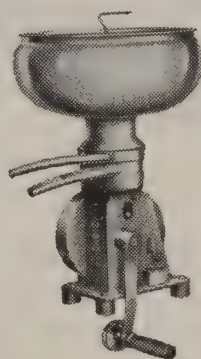
No. 18—With Low Base and Motor Drive.....\$150.00



No. E-19—\$257.50
Capacity 1150 lbs.
per hour



No. 5—\$85.00
Capacity 500 lbs.
per hour



No. 1—\$24.75
Capacity 150 lbs.
per hour
Light, Handy and
Portable

ELECTRO SERIES

The preferred machines for large farm dairies or small milk plants. The finest separators De Laval ever made for this purpose. Same general design with many of the features of the large factory sizes used in creameries and milk plants. Compact. Occupy little space. Low down and waist-high.

JUNIOR SERIES FOR THE SMALL USER

A lower priced line of De Laval machines, limited to smaller capacities. The high or low stand of No. 5 is part of the machine. The smaller sizes are built for table use, or with high or low stand and pail shelf as an extra with the Nos. 2, 3, 4 sizes. Nos. 2, 3, 4, 5 may be driven by hand or motor. No. 1 for table and hand use only.

No. 1.....	150 lbs.....	\$24.75
No. 2.....	225 lbs.....	29.75
No. 3.....	300 lbs.....	39.75
No. 4.....	400 lbs.....	47.50
No. 5.....	500 lbs.....	85.00

Nos. 1, 2, 3, 4 prices do not include stands. High stands for Nos. 2, 3, 4 are \$8.50 extra if supplied with machines, or \$9.50 separately—low stands are \$7.50 extra with machines or \$8.50 separately. Pail shelf is included with stand.

No. 5 price includes high stand and pail shelf. Low stand supplied with machine when so ordered.



Electric Motor Equipment

110V, 60 cycle, A.C.
Single Phase
Nos. 2, 3, 4 \$19.50
No. 5.....\$35.00

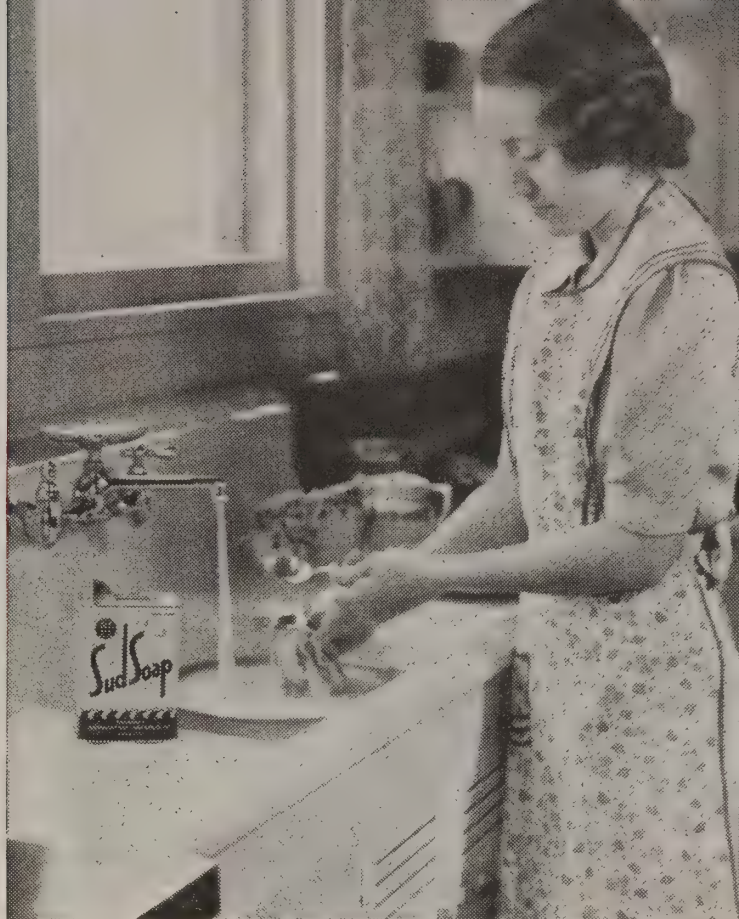
Consult Your Local
GLF Service Agency
for further details.

Automatic Electric WATER SYSTEMS

for shallow or
Deep Wells

SHALLOW WELL TYPE.

165 gallons per hour and up.
Prices start at \$39.95 without
tank.



*Plenty of Running
Water As You Want It*

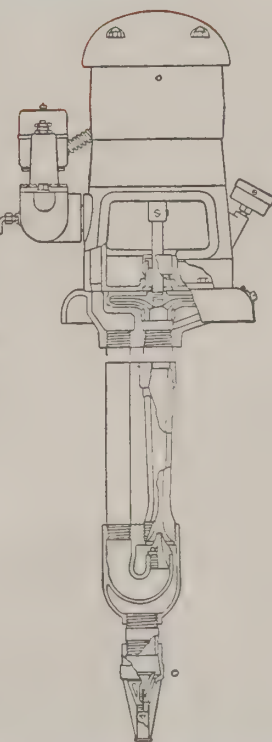


RUNNING water is so essential on the modern farm that the selection of the right water system is most important. It is no longer a luxury for it saves so much labor. With the dairy farmer, it means a continuous water supply for the cattle that leads directly to increased milk production.

G.L.F. selected this line of pumps after careful comparison because it offers the greatest values in simple, trouble-free operation as well as low first cost. There are cheaper pumps on the market, but probably none that will prove cheaper per year of service.

Shallow well pumps are available in capacities from 165 to 600 gallons per hour. Deep well pumps from 115 to 1840 gallons. Storage tank sizes range from 10 to 420 gallons—larger sizes on special order.

Consult your local G.L.F. Service Agency for recommendations to meet your particular requirements.



JET TYPE

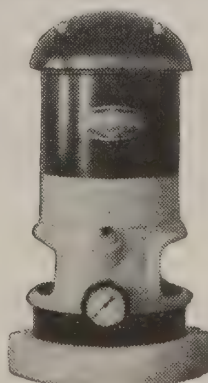


No. CD-1

No. CD-1 AUTOMATIC CELLAR DRAINER. A dependable sump pump, self-starting as water enters; renders automatic protection against seepage or flood waters. Works until all water is removed. For 22 foot discharge head, 900 to 2800 gallons per hour. \$38.90.

No. 1 DEEP WELL PUMPING UNIT. Meets every pumping need where distance from pump head to lowest water level exceeds 25 feet. Sizes for 115 to 1840 gallons per hour (for wells 25 feet to 275 feet). Prices start at \$83.00. Tank extra.

No. J-4 CENTRIFUGAL DEEP WELL, JET TYPE PUMP. For lifts from 25 to 100 feet. Designed to meet the farm need for a small diameter, reliable pumping unit that is low in both purchasing and operating cost. Has only one moving part—a bronze impeller with stainless steel shaft. No bearings. No lubrication—no oil to get in water. Sizes from 175 to 1500 gallons per hour. Prices start at \$93 without tank.

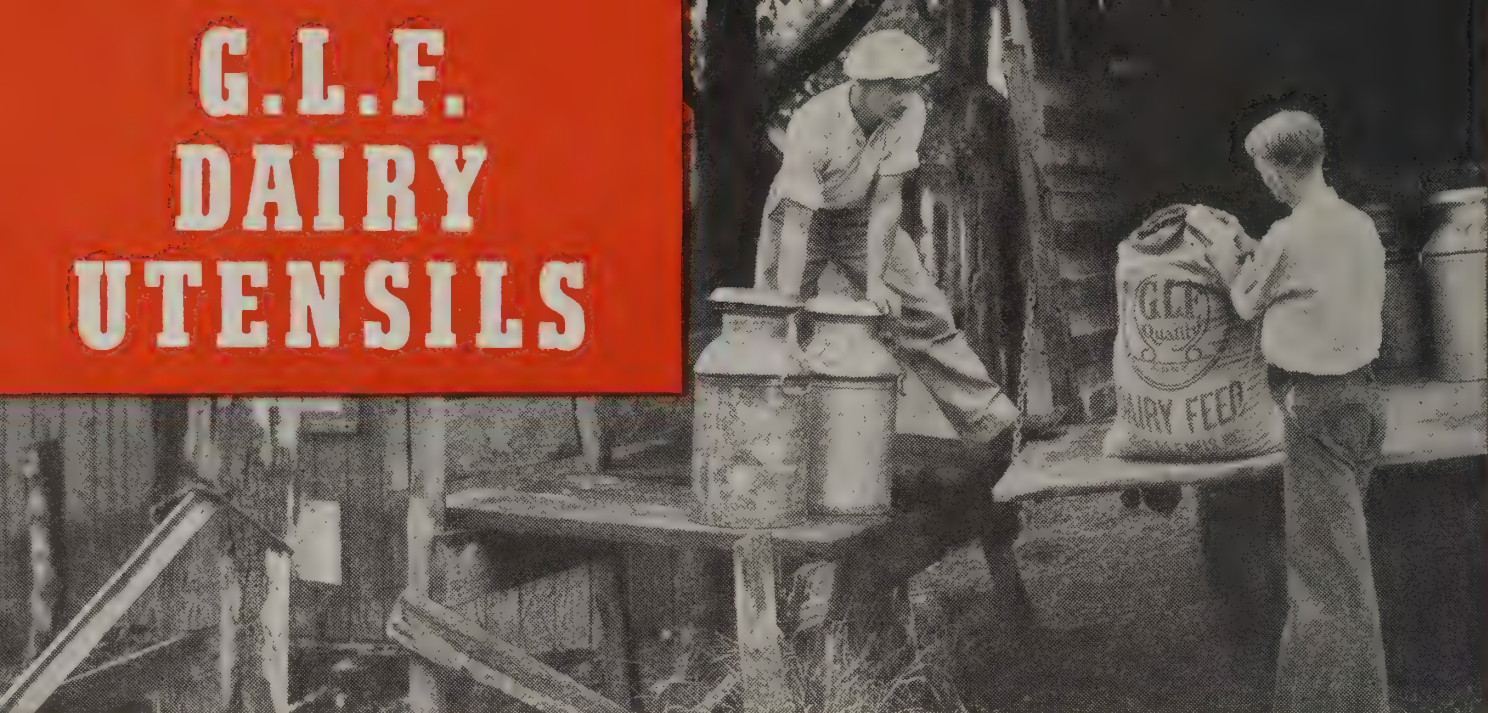


No. J-4



No. 1

G.L.F. DAIRY UTENSILS



NEW SERVICE ON MILK CANS

At the request of many patrons, G.L.F. is now making milk cans available through service agencies. These cans are of the types most used in G.L.F. territory. Quality is excellent.

NY40S—A 40 qt. single, seamless can; solderless and approved in all markets.	NY40—A 40 qt. soldered, seamless can approved for most markets outside the Metropolitan area.	M40—A 40 qt. utility can, Minnesota style stiff handles, with umbrella instead of plug top—a popular can for non-fluid markets.
\$5.45	\$5.05	\$4.40



SEAMLESS SANITARY MILK PAILS

New York and New Jersey approved, XXXX tinned—a one-piece pail that will stand a lot of abuse.

P7512—12 qt.	\$1.55
P7514—14 qt.	\$1.69

G.L.F. CALF PAIL

A seal of quality, galvanized, seamless, one-piece 12-quart calf pail. Heavy gauge steel. Easy to clean. The pail most farmers have long wanted. .55¢





SANITARY SOLDERED MILK PAIL

A seamless, utility pail, X tinned, that meets most requirements except in fluid milk markets.

P7112—12 qt.....	75¢
P7114—14 qt.....	80¢

GALVANIZED PAIL

A fully galvanized utility pail and highly rust resisting for general use about the farm.

G110 26¢	G112 29¢	G114 33¢	G116 37¢
10-qt.	12-qt.	14-qt.	16-qt.



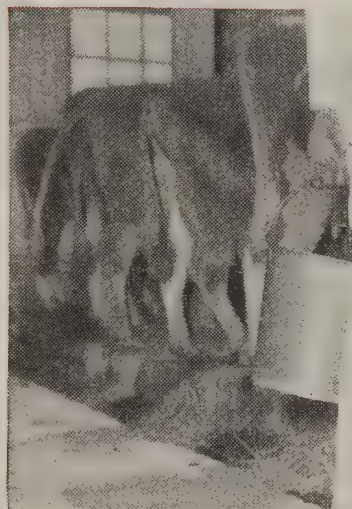
WELDED STEEL MILK STOOLS

G.L.F. Welded Milk Stools are light in weight, sturdy and compact. Baked enamel blue finish. A neat, well balanced, rust resisting stool.



\$1.05

With Pail
Rest \$1.35

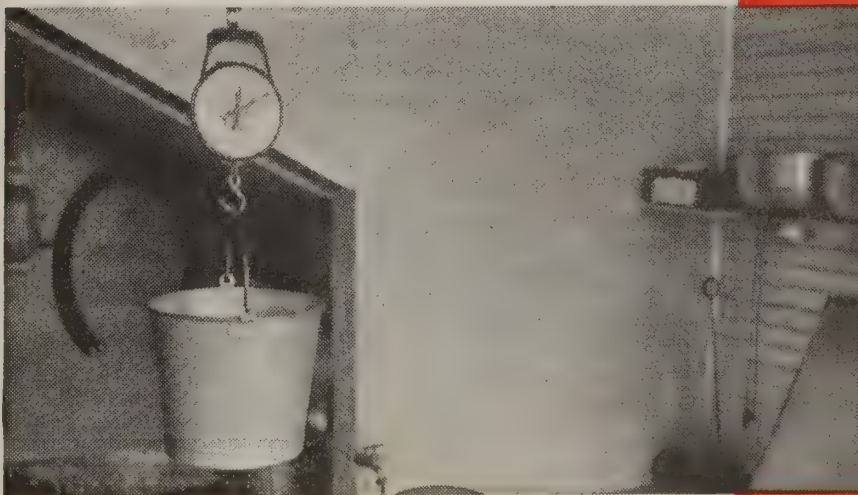
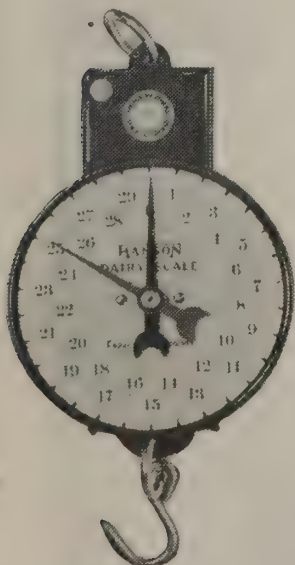


HANSON DAIRY SCALE

The Scales Most Testers Prefer

Because they are so accurate and trouble-free, milk testers have a natural preference for Hanson scales. The dial is very legible, as the large figures and graduations are in black on white enamel. Graduated in tenths of a pound to simplify quick calculations. Built with Swedish steel springs for long life.

30 lb. size \$2.40
60 lb. size \$4.20

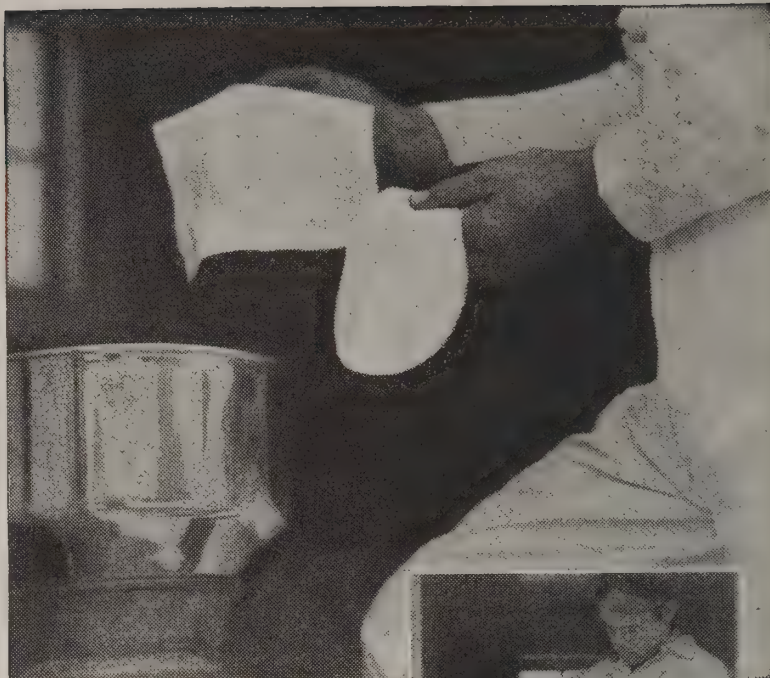


PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY
... And check for
possible price changes

One-Piece MILK STRAINER

This one-piece Milk Strainer is built with the bottom perforated with quarter-inch holes. Equipped with one convex perforated tin disk, with knob and spring wire. 6X tinned—the heaviest tin plate made—to assure lasting finish over many years service.

\$1.55



QUICK-ACTING MILK FILTERS
Whether you use a flannel square or a cotton disk, you can rely on these filters for speed of action with low sediment test. Carefully designed to give maximum balanced performance of both factors. Squares are handily packed in boxes containing sixty filters. Disks are packed 100 to the box. Case lots at even greater savings—ask your G.L.F. Service Agency.
8" x 8", 45¢ Per Box of 60.
9" x 9", 56¢ Per Box of 60.

100 Per Box

6½" Plain.....	32¢	6½" Cloth Face.....	50¢
7" Plain.....	41¢	7" Cloth Face.....	60¢

Other sizes and cheaper grades available.

Zinc Coated FEED BASKETS

HEAVY DUTY—Extra staunch rope handles of new design permit easier handling of heavy loads. Constructed of galvanized metal. After forming, a final heavy coat of zinc is applied.

G441—1 bu.....\$1.25
G441½—1½ bu.....1.75

UTILITY—Sturdily made of heavy galvanized metal. Steel handles. A good general purpose basket. G481—1 bu.....55¢



Stewart CLIPMASTER

Necessary and essential for clipping cows on farms producing market milk. Also suitable for horses. Special models available for shearing sheep. New anti-friction tension control for cool, easy clipping. Blades stay sharp longer. Ball bearing motor. Models to suit your current. Ask your G.L.F. agency for latest prices.

MEASURING SCOOPS

Made with redesigned low handles to permit easier scooping in bins. Processed from galvanized sheets instead of black sheets. Reinforced back, bottom and sides. Balanced construction throughout.

8" 2 qt.	60¢
10" 4 qt.	75¢
12" 6 qt.	85¢

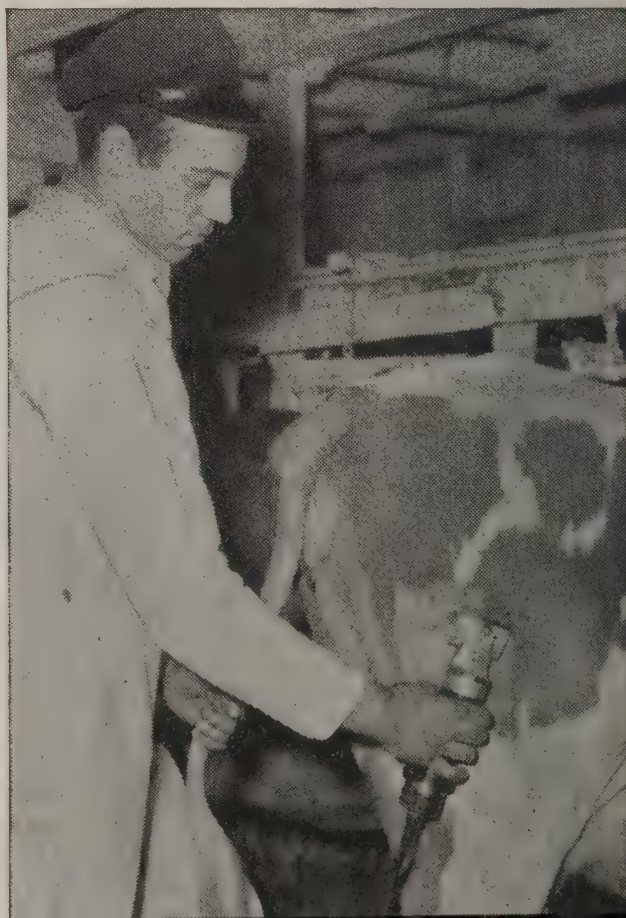


G.L.F. LIVESTOCK OINTMENT

Used in treating caked udders, cuts, scratches or rashes. Its soothing effect allays irritations, and dairy-men speak highly of its healing action.

25¢

Per 4 oz. Jar



G.L.F. BROOMS Sweep Clean



HOUSE BROOMS



BARN BROOMS



← No. 7 I. D. L.

Most popular heavy duty broom for fine sweeping. Made from selected quality broom corn. Efficient and long wearing 70¢

No. 6 DELUXE →

An extra fine quality broom, made from choice Lindsay broom corn. Should last ten months to a year in ordinary household use 85¢

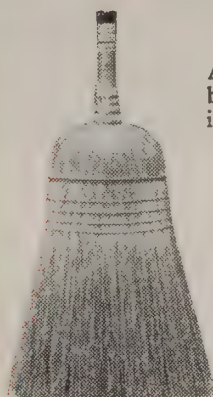
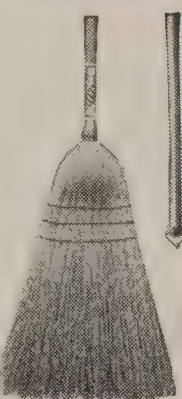


← No. 6 STANDARD

A good quality all corn broom, reliable and serviceable 55¢

POLLY ANN →

A featherweight broom for light sweeping. Popular for use on linoleum and hardwood floors. Picks up the finest dirt in a jiffy 50¢

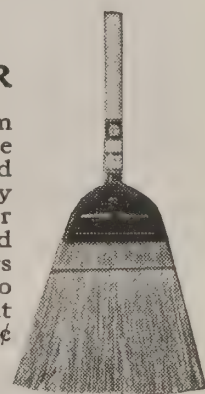


No. 8 RATTAN AND CORN

A high quality heavy duty broom built to G.L.F. specifications for service and durability 85¢

No. 57 FIBER

Metal head broom made of a mixture of palm stalks and palm fiber. Very stiff. Ideal for scrubbing barn and dairy floors. Fibers set in cement to prevent coming out after long wear. 80¢



No. 60 FIBER

Made of the same material as the No. 57 only in an ordinary barn broom style for those who prefer this type of broom 80¢

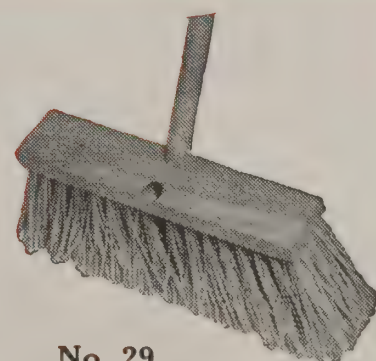


PUSH BROOMS



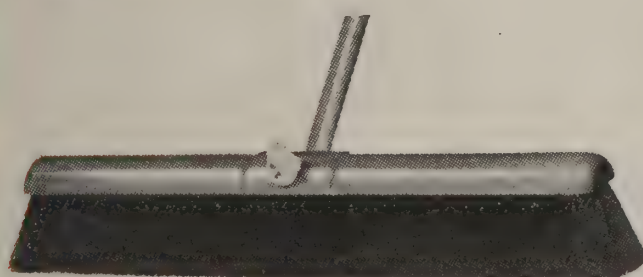
No. 9 AFRICAN BASS "A" FIBER

5 row, 16" block, 6 1/4" trim. A long wearing, street type push broom \$1.00



No. 29 HICKORETTE FIBER

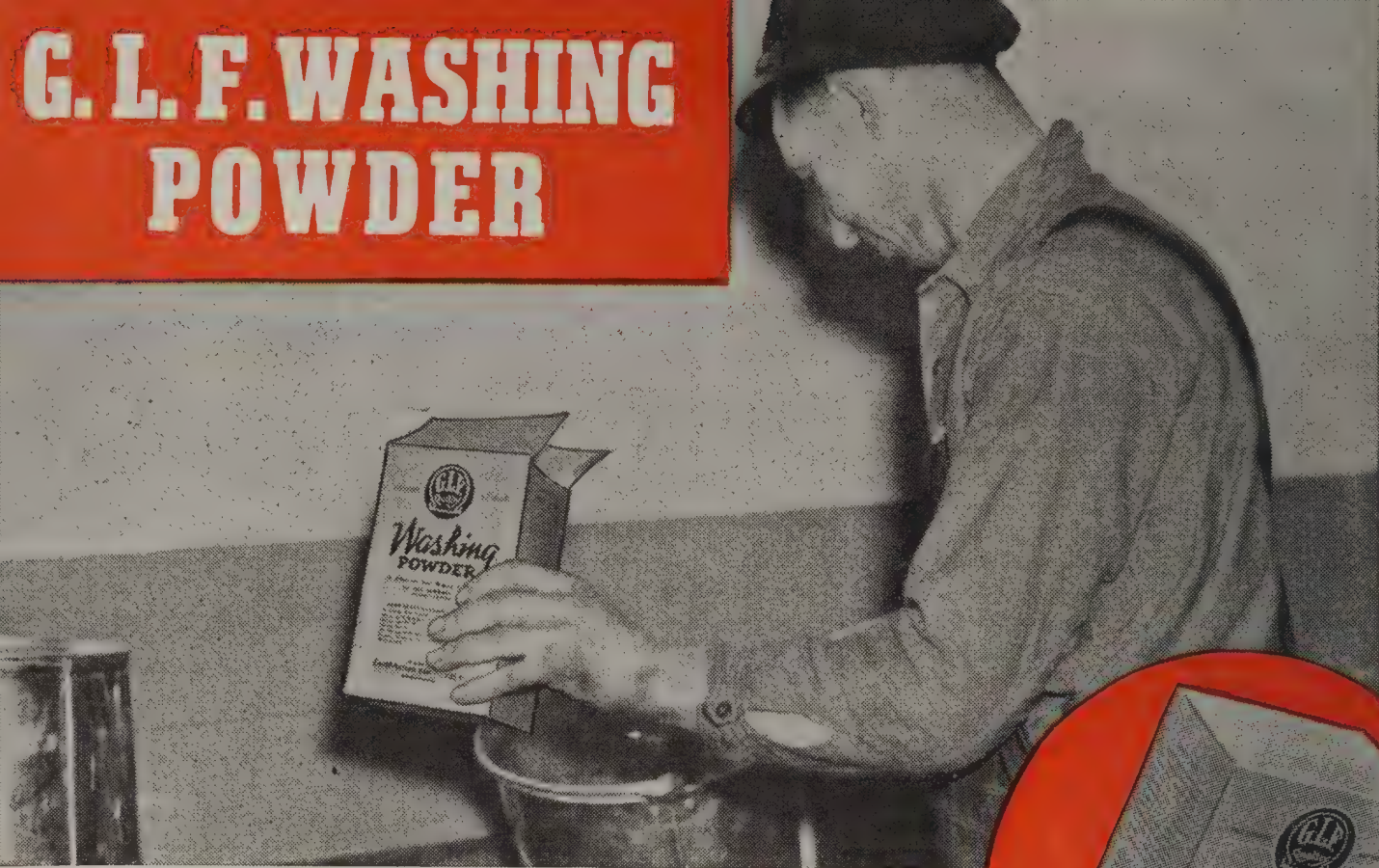
5 row, 16" block, 7 1/4" trim. Built for hard use in stables 85¢



No. 18 HAIR AND FIBER

Made on an 18" block from selected black Tampico fiber with stiff sterilized black horse hair border, 2 7/8" trim. Designed for fine sweeping where a push broom type is desired. \$1.70
No. 24 Fiber. Same as No. 18, except 24" \$2.45

G. L. F. WASHING POWDER



A cleanser and water softener which finds dozens of uses around the farm and especially in the dairy. Helps to lower bacteria count by removing all curd and film from utensils and killing most of the remaining bacteria. Does not replace a disinfectant. It is not a scouring powder but is readily dissolved in water. A real SOAP SAVER.

Directions on package tell how to use for all cleaning jobs in the dairy; for laundry, dish washing, windows, plumbing, rugs, etc., and for such odd jobs as cleaning scale out of steam boilers, auto and tractor radiators; cleaning paint brushes; scalding hogs, etc.

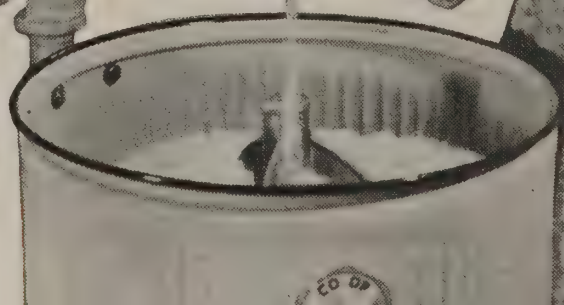
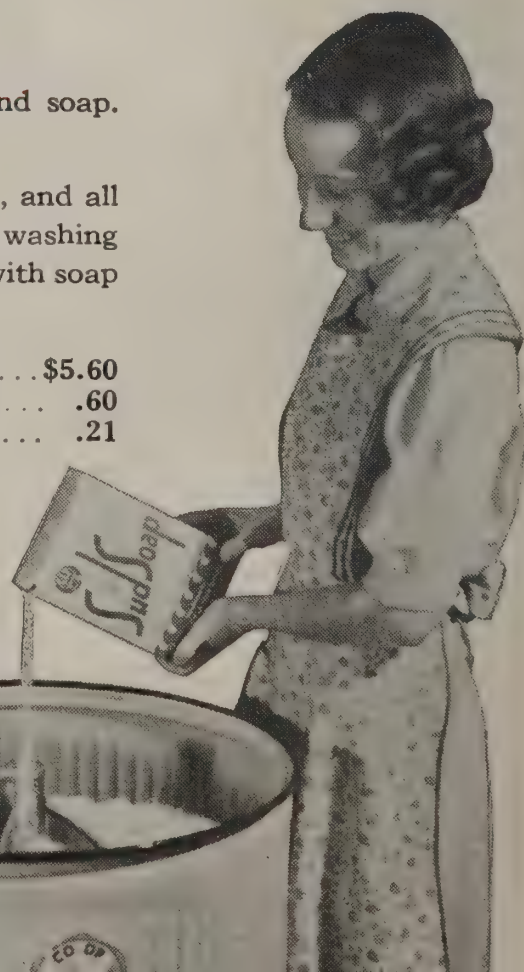
100 Lb. Bag . . . \$5.00
5 Lb. Carton. .30

G. L. F. SUDSOAP

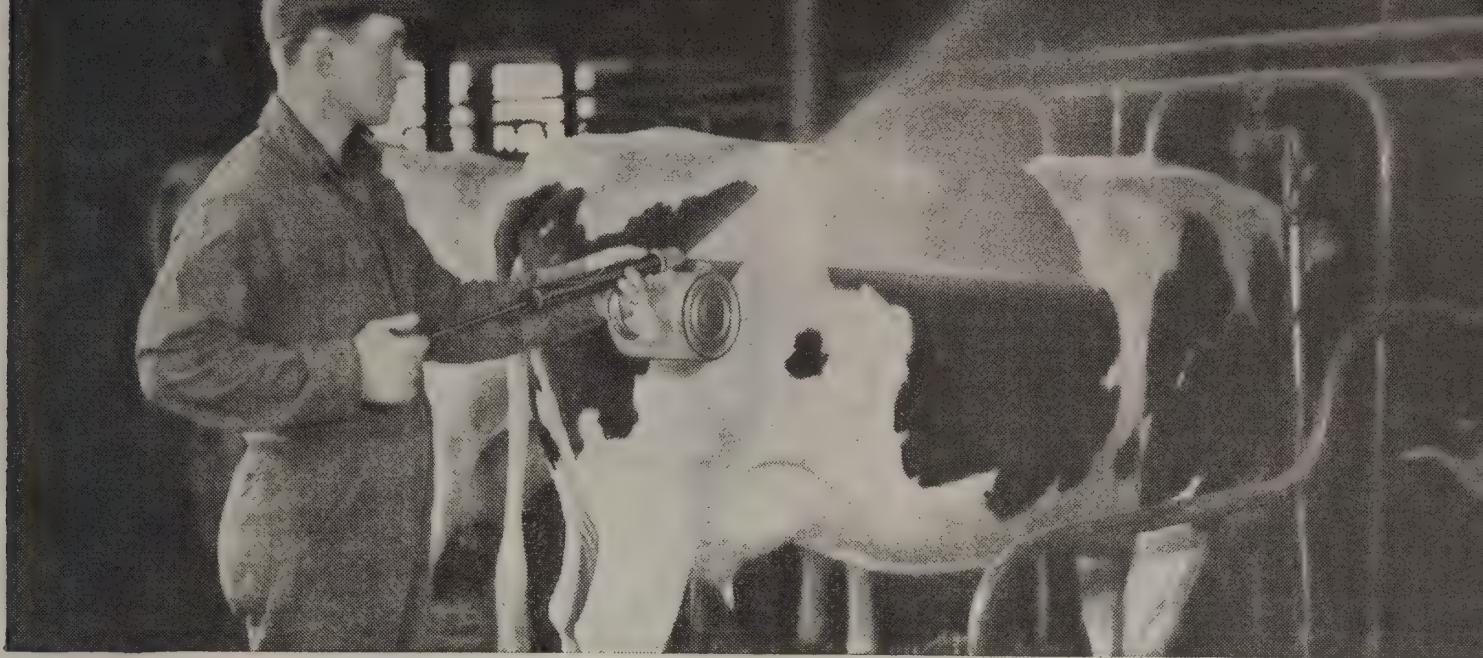
A concentrated, economical combination water softener and soap. Pleasanter to use—thanks to the new “no-sneeze” formula.

Use it for all household purposes—laundry, dish washing, and all the house cleaning jobs. SudSoap is not recommended for washing fine silk garments. These delicate fabrics are better washed with soap only.

50 Lb. Bag \$5.60
5 Lb. Carton60
24 Oz. Carton . . .21



**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes



G.L.F. STOCK SPRAY

Everybody enjoys a good horse race, but wouldn't pay much to see cows run. When the flies are biting on hot days, G.L.F. Stock Spray will repel flies and keep cows quietly grazing and making milk. Regular use of G.L.F. Stock Spray will add to the comfort of both cows and milkers. Spraying in the morning keeps the flies away from the cows a good part of the day.

G.L.F. Stock Spray will not stain the hide, blister the skin, taint milk, or cause accumulation of dirt on animals, if you apply as directed on the can.



55 Gallon Drums, per Gal.....	80¢
5 Gallon Cans, per Gal.....	85¢
1 Gallon Cans, per Gal.....	95¢

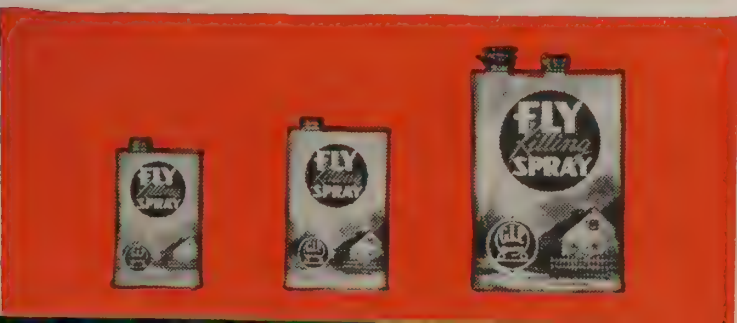


KILLING FLY SPRAY

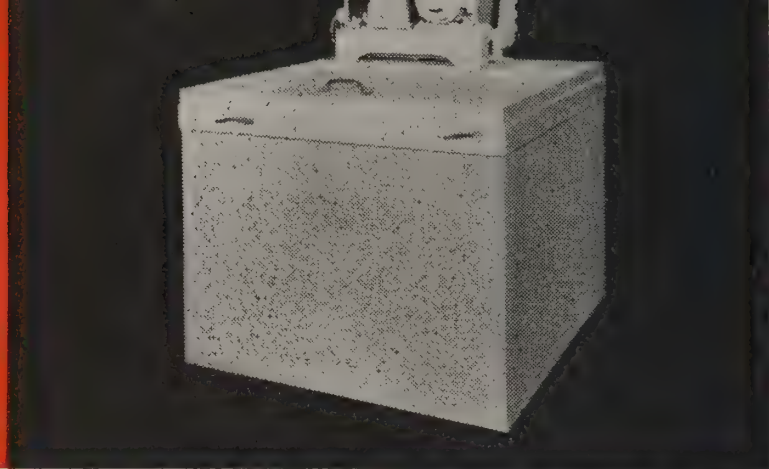
Highly effective in killing flies, moths, ants, roaches, etc. Independent commercial laboratories have repeatedly given this spray the highest rating for killing flies in comparative tests—where different sprays were tested by spraying measured quantities of each spray into closed rooms, each containing the same number of flies, and counting the kill.

Use in the house as well as in barns and other out-buildings. Will not stain clothing and other materials in the house. Nor is it injurious to humans or animals when sprayed as directed on the can.

5 Gallon Cans, per Gal.....	\$1.20
1 Gallon Can.....	1.30
1 Quart Can.....	.50
1 Pint Can.....	.30



G.L.F. MILK COOLER



MASTER SERIES, HEAVY DUTY

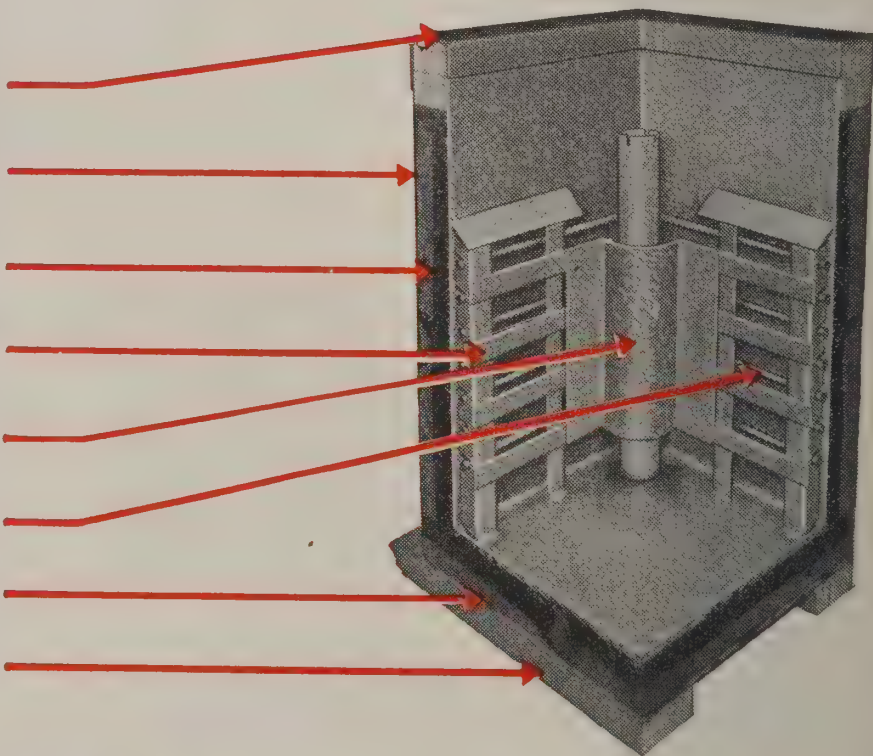
At the request of several patrons, G.L.F. made a careful study five years ago of all milk coolers on the market. After carefully checking many of the leading makes, it was decided that a cooler must be very sturdily built, compressors should be larger than most companies were recommending, and that several gadgets were being sold on coolers which were not necessary and in many cases only caused confusion and trouble.

G.L.F. finally selected one make of cooler which had been on the market for several years, and after checking with patrons who were operating these coolers, they were accepted as practical, efficient, and economical

coolers. For the past four years they have been made under the G.L.F. seal.

As patrons purchase a milk cooler to be used over a long period of time, the construction of the cabinet is very important. Notice in the picture below that the top rail is a heavy, 12-gauge, channel iron, which extends all around the top to protect the cabinet in use. Rail corners electric welded, for sturdy construction. Cabinet side casings are fastened to a 3" x 4" wood rail under the cap. Heat loss is minimized by the 30 lb. insulating felt between casings and rail and prevents metal to metal contact. The wood rail gives more strength to the cabinet. This is the only wood part in the cabinet.

- 1** Heavy galvanized steel top rail.
- 2** 18-gauge galvanized steel inside and outside.
- 3** 3-inch genuine compressed corkboard insulation.
- 4** Heavy rack to protect coils from damage.
- 5** Easy-to-clean overflow and drain pipe.
- 6** Seven coils of 20-gauge copper tubing.
- 7** Heavy metal bottom.
- 8** Wooden skids to allow circulation and drainage.



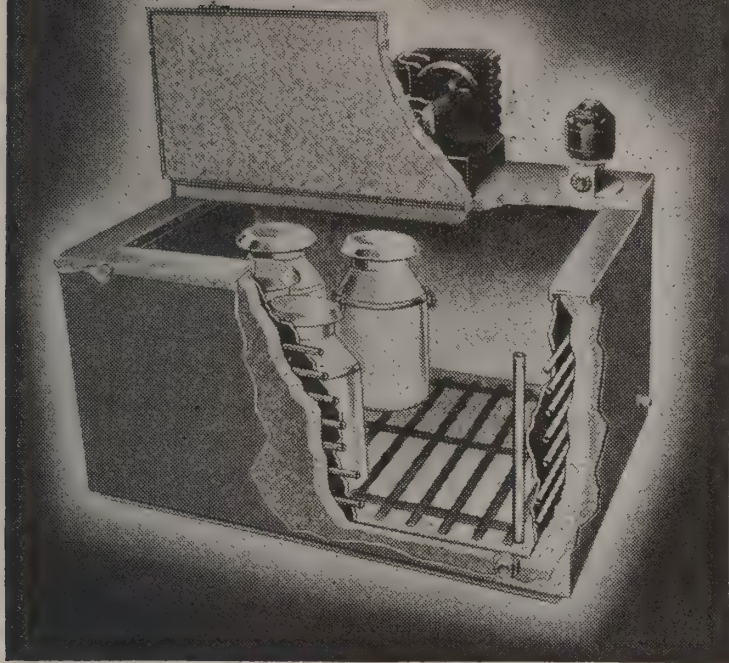
SPECIAL SERIES, LIGHT DUTY

This cooler is designed for the dairyman who cools night's milk and needs mechanical cooling only during hot weather. Sturdily constructed, it does a good job at minimum cost. Moisture proof.

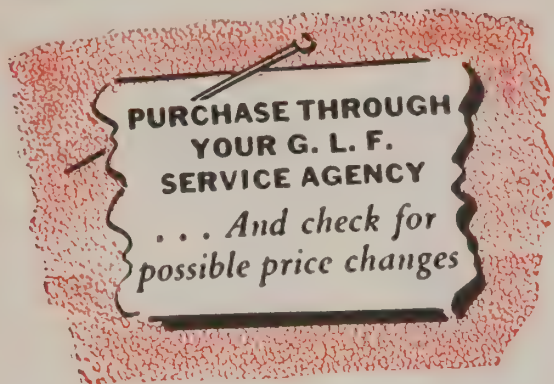
Generally similar to the Master Series, the Light Duty Cooler is insulated in the sides and bottom with 3" highest quality, low density fibre-

board. The cover has 2" of similar insulation and all insulation is thoroughly waterproofed with hot asphalt.

Automatic thermostat can be set at any temperature from 33 to 55 degrees. Coolers are operated by a twin cylinder, sealed unit specially engineered for milk cooler use. These coolers can be operated with or without an ice wall.



**SIMPLICITY
PLUS!**



**EASY
TO CLEAN**



New **SENIOR SERIES,** HEAVY DUTY

The new Senior Series Milk Cooler will meet the needs of many dairymen because it is so simple in operation and so easy to keep clean. By carrying the coils within the walls, instead of in the water compartment, the interior of the cabinet presents a smooth, clear, sanitary surface.

The inside of the cooler contains only the grid for protecting the bottom of the tank. This is removable and easily cleaned. Then you have only the four smooth walls and bottom to clean. An extra large drain provides fast drainage for frequent changes of water bath. The

entire inside can be painted once a year with Aluminum Paint which prolongs the service life of the cooler.

In operation, the thermostat can be adjusted to produce a wall of ice around the interior walls of the tank. This ice wall provides additional refrigeration storage for faster milk cooling. The ice breaks away from the walls with a slight warm up of the water bath, floats to the top of the water around the necks of the cans, where it speeds up the cooling rate of the top milk which is usually the slowest to cool.

Speed-up **AGITATORS** for Rush Cooling Demand



Agitators optional on all coolers. Due to location of cooling coils on all four sidewalls of the G.L.F. milk cooler, the natural circulation of water is sufficient to cool milk quickly and agitators are not necessary except on large machines or where dairymen must cool morning's milk very quickly.

These agitators are independent units and operate when needed by simply turning switch on time clock to run only desired length of time. Spinner type agitator directly connected to individual motor. Nothing to prime or freeze up—no pumps, valves, or strainers to get out of order. 4 to 12 Can, \$30.00. 14 to 20 Can, \$35.00.

MASTER SERIES HEAVY DUTY Outside				SENIOR SERIES HEAVY DUTY Outside				SPECIAL SERIES LIGHT DUTY Outside			
Cans	H.P.	Dim.	Price†	Cans	H.P.	Dim.	Price†	Cans	H.P.	Dim.	Price
2	1/4	29x45	\$170.00	2	1/4	27x42	\$175.00	2	1/4	29x45	\$145.00
3	1/4	29x55	188.00	4	1/3	41x42	235.00	4	1/4	41x42	160.00
4	1/3	41x42	220.00	4*	1/3	27x72	235.00	4	1/3	41x42	175.00
4*	1/3	29x71	228.00	6	1/2	41x60	295.00	6	1/3	41x60	195.00
6	1/2	41x60	270.00					6	1/2	41x60	210.00
8	1/2	41x78	295.00								
10	3/4	41x96	365.00								
12	3/4	41x114	390.00								
14	1	41x132	465.00								
16	1	41x150	510.00								

* 4-in-line

† If 25 Cycle Motor is needed, add \$10.00



Farm Inspection



Test Boards



Laboratory Testing



**Inspection of
Raw Materials**



**Specifications
Comparison**



**Paint Plant
Production**

G.L.F. PAINTS

Covering Farm Buildings—Inside and Out—Peak to Basement

In the fall of 1928, after six years' experience in purchasing paint for patrons, G.L.F. employed a young chemist and set him up in an old building at Phelps, New York, with three small paint mixing machines. Based on his own experience, and the recommendations and guidance of public research institutions, this "hired man" produced a barn and a house paint.

Gradually the line of exterior paints was increased. Volume grew. More modern machinery was added. Further savings and better paints resulted.

"If you can make outside paints for us, why not interior ones for the women-folks?" patrons inquired back in 1933. The "hired man" went to work.

The farm housewife can now purchase all of her interior painting needs through G.L.F. at the same time her husband gets all his paint supplies for the outside of the farm buildings.

How Quality is Controlled

To insure practical farm paints, the quality is constantly watched. Ingredients are inspected.

Each batch of paint is checked for—trueness to formula, color, weight, brushability, consistency, and drying. Every label carries the open formula.

In order to determine the weathering ability of these paints and to check on new paint ingredients, wooden test fences, painted with various formula and colors have been erected on the State College campuses in New York, New Jersey, and Florida, and are analyzed periodically.

Improved Formulas

For the first time this year, 10% of the oil used in G.L.F. outside paints will be soybean oil. This oil increases the elasticity of the paint film and is slightly lower in cost than linseed oil.

Experienced men, modern equipment, and the recommendations of paint authorities, plus a constant check on quality, insure you of paints that will protect your property, enhance its beauty, and do it as economically as your "hired men" know how to make them.



Is there an "Indian sign" on your house or barn? A number of service agencies painted a large, white square surrounding a smaller red one on a number of barns and houses in their community. Look for this paint test in your community.



HOW TO SELECT THE RIGHT PAINT FOR JOB

It is always important to select the right type of finish for each type of surface. The table below lists the various types of surfaces to be painted with the finishes suitable in each case.

After you have made your selection, follow the directions that appear on each can for best results.

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**

*... And check for
possible price changes*

PAINT SELECTOR... Which Paint to Use

FOR OUTSIDE EXPOSURE

SURFACE	SUITABLE FINISH
Wood Siding, Silos, Fences, Shingles	Super House Paint Formula L Unico Exterior Paint Formula T Super Barn Paint Standard Barn Paint Shingle Stains
Metal Roofs and Siding	Zinc Metal Paint Aluminum Paint Super House Paint Formula L Super Barn Paint Standard Barn Paint
Implements, Tools, Trucks, Tractors, Wagons, Lawn Furniture, etc.	Implement Enamel Porch and Floor Enamel Interior Enamel Spar Varnish
Porch Floors and Decks of Wood or Concrete	Porch and Floor Enamel
Concrete, Stucco, Brick, etc.	Super House Paint Super Barn Paint Exterior Primer Standard Barn Paint

INTERIOR SURFACES

SURFACE	SUITABLE FINISH
Walls and Ceilings	Flat Wall Paint Semi-Gloss Finish Interior Enamel Aluminum Paint
Woodwork and Furniture	Semi-Gloss Finish Interior Enamel Varnish Stains Floor and Interior Varnish Aluminum Paint Implement Enamel
Floors—Wood	Porch and Floor Enamel Interior Enamel Varnish Stains Floor Varnish
Floors—Cement	Porch and Floor Enamel Quick-Dry Enamel
Metal Surfaces	Aluminum Paint Quick-Dry Enamel Porch and Floor Enamel Implement Enamel



SUPER

LONG LIFE, BEAUTY, PROTECTION

Expertly made by Paint Experts . . .

WHAT makes Super House Paint Formula "L" so good? For one thing, it is now improved by the use of 10% Soy Bean Oil in the vehicle. This home-grown product adds months of life to paint by increasing the period of elasticity and delaying the time when the film becomes hard. Paint films wear faster when brittle. Soy Bean Oil in small percentages overcomes this hardening tendency with resulting increase in life, beauty, and longer protection.

G.L.F. Super White contains a substantial amount of white lead, the right amount of zinc oxide and titanium dioxide ground in linseed oil. White lead and zinc oxide are long established essentials of quality paint. Because of the liberal amount of white lead, it is designated as Formula "L." The addition of titanium dioxide, with its exceptional hiding power and whiteness, builds the whitest white house paint.

The blend of white lead, zinc oxide, and titanium dioxide in linseed oil produces a paint of unsurpassed hiding power that is capable of covering more than average number of square feet per gallon. It gives a smooth, glossy finish that resists the collection of disfiguring dirt even after years of service because of additional self-cleaning properties. When G.L.F. Super House Paint Formula "L" is ready to be repainted it presents a perfect repaintable surface.



✓ Check and ✓ Re-Check

Careful Checking is your Protection



COLORS—Super House Paint Formula "L" light colors are made by adding color to a base similar to the white paint. The colors are pure chemical or natural materials, selected for fade resisting qualities. Like Super House White the colors maintain a clean, bright appearance throughout their long life.

TRIM COLORS—Super House trim colors are made from pure chemical and natural pigments that produce bright, attractive finishes. The liberal amount of color used produces great hiding and covering finishes.



Tested by Nature under New York's
Weather Conditions

HOUSE PAINT

FORMULA "L"

SUPER

HOUSE WHITE

More patrons each year are "discovering" the high quality of Super House White. The label on every can is your guarantee that it is made of the finest quality materials. Its high standard of performance on the thousands of farm homes in G.L.F. territory is convincing evidence of the high quality G.L.F. puts into Super House White to make it an outstanding paint.

Super House White is a full bodied paint that flows on easily, hides the surface remarkably well and covers as high as 500 sq. ft., two coats per gallon on good surfaces. The dried film is smooth with a rich, glossy finish that resists the accumulation of dirt. Super House White maintains a clean, sparkling, white appearance throughout its long life.

COLORS

Super House Paint is made in the colors listed below. See Color Chart on pages 50-51 for actual color values.

COLORS—White, Cream White, Light Ivory, Cream, Colonial Yellow, Buff, Pure Gray, Light Lead Gray, Silver Gray.

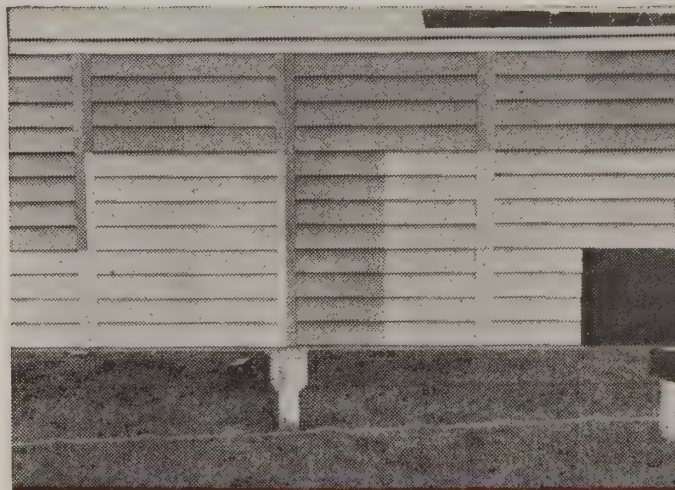


TRIM COLORS

Rich Green,
Apple Green,
Bright Red,
Rich Brown,
Black.



Improved by the addition of 10% Soy Bean Oil in the vehicle with pure Linseed Oil . . .



Tested under the hot sun of Florida



Proved by long service in any climate

MONEY-SAVING PRICES

G.L.F. Super House Paint Formula "L"

	White & Body Colors, Trim Blk. & Rich Brown	Trim Rich Green Apple Green	Trim Bright Red
5 Gal. Pail, per gal.	\$2.75		
1 Gal. Pail	2.85	\$3.15	\$4.50
1 Qt. Can, per qt.	.85	.95	1.25

Note: No trim colors are stocked in 5 gallon cans. This also applies to Trim Black.

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes



Just put on a coat of Unico Exterior Paint—Formula “T” next to any other exterior paint. The greater whiteness and more intense covering capacity are instantly apparent. And it is a difference that lasts as this photograph shows.

UNICO

Tests Prove Quality of Formula “T”



NEW ECONOMY IN FARM PAINTING

UNICO Exterior Paint—Formula T, is a first grade house paint, containing the same fine ingredients as other good outdoor paints—white lead, zinc oxide, asbestine, linseed oil and soybean oil. It differs from most house paints in the proportions in which the ingredients are combined.

The name “Formula T” indicates that the paint carries a high percentage of Titanium Dioxide, the pigment which has better “whiteness” and hiding capacity than any other used in paint. Since it first became available, Titanium Dioxide has been used in more and more first grade exterior paints—particularly white paints.

Before offering Unico Exterior Paint—Formula T to patrons, G.L.F. paint men examined dozens of exposure test panels and a great number of houses showing the condition of the paint after being exposed to the weather for periods of from 1 to 6 years. The following features were noted:

1 The paint weathers down very uniformly by a slow “chalking” or powdering process, and always presents a good appearance.

2 Tints show excellent resistance to fading.

3 White houses **stay** white, do not get gray and shabby.

4 There is no tendency to crack and check.

5 The paint presents a good smooth surface for repainting at any time.

6 Houses have the same appearance on all sides at all times. (Some paints look dirty on the north side of the house and clean on the south side at certain periods; cracking or excessive chalking may develop on the south side and not on the north, etc.)

In addition to these good qualities, Unico Exterior Paint—Formula T is more economical than most good paints. It will cover as much surface per gallon as other first grade paints (600 to 700 square feet per gallon for 1 coat) but, because of the high hiding quality of Titanium Dioxide, less “hiding pigments” per gallon is needed and the cost is therefore lower.

Exterior Paint



OUTSIDE WHITE

Formula T best demonstrates its fine appearance and durability in Outside White. Houses and other buildings painted with it always have that fresh, clean, new-paint whiteness that you associate with a well maintained farm. Dust, soot and mildew don't stay long on the pure white surface, each rain leaves it clean.

COLORS, TOO!

Unico Exterior Paint—Formula T also comes in 8 attractive shades. The shades are made by adding small quantities of fade-resisting, pure chemical colors and natural pigments to a white base which is very similar to Outside White. Colors:

CREAM	COLONIAL YELLOW
IVORY	PURITAN GRAY
RICH CREAM	PEARL GRAY
BUFF	SILVER GRAY

5 gal.	per gal.	\$2.25
1 gal.	per gal.	\$2.35

G.L.F. MASTER ESTIMATOR

HOW MUCH PAINT TO BUY

Houses and Barns—Outside. Measure the distance around your building in feet, and multiply this figure by the average height of the building, in feet, to get **area to be painted** in square feet. For gables, multiply the length of the base by $\frac{1}{2}$ the height. Look up the approximate average coverage for the paint you are going to use in the table below. Divide the **area to be painted** by the **approximate average coverage** to get gallons required for one coat.

Rooms—Walls and Ceilings: The **distance around the room**, in feet, multiplied by the **height** in feet, equals **area of walls** in square feet. **Area of ceiling** equals **length of room** multiplied by **width of room**. Add **area of walls** and **area of ceiling** and divide by **approximate average coverage** for the paint you are going to use, as selected from table below.

Coverage—In the table below, figures are given for the **approximate** average coverage of various types of paint and varnish. These figures are to be used solely as a guide in estimating your paint requirements, and are not in any sense a guarantee that the products will cover the indicated areas. So many factors affect the coverage—how the paint is brushed out, the type and condition of the surface, the temperature, etc.—that exact figures cannot be given.

APPROXIMATE COVERAGE

PRODUCT	Sq. ft. per gal. 1 Coat
Super House Paint.....	750
House Paint Primer.....	550
Super Barn Paint.....	600
Barn Primer.....	550
Enamels—Porch and Floor, Quick Dry, etc.....	600
Semi-Gloss Finish.....	550
Zinc Metal Paint.....	700
Aluminum Paint.....	750
Flat Wall Paint.....	550
*Shingle Stains—Brushed.....	100
Varnishes and Varnish Stains.....	700
Ground Color and Enamel Undercoater.....	550
Pigmented Wall Primer.....	600

*1 Gallon will dip $\frac{1}{2}$ square, dipping shingles $\frac{2}{3}$ of their length.

Drying Time—The drying time of a given paint will vary widely, depending upon the type of surface to which it is applied, the temperature, humidity, etc. In general, it may be said that outside House Paints and Barn Paints will set up in a day under favorable conditions, but should be given about four days to harden before another coat is applied. Enamels, flats, and other indoor finishes will ordinarily dry hard overnight for recoating.

On weather-beaten wood surfaces not previously painted, use G.L.F. Exterior Primer.

On open grain wood not previously painted, use Aluminum House Paint First Coater.



G.L.F. EXTERIOR PRIMER

Assures Good Results on Hard-to-Paint Surfaces



PRICE

5 Gal. Pails, per Gal. \$2.25
1 Gal. Pails, per Gal. 2.35
1 Qt. Cans, per Qt. .75

For old, weather-beaten surfaces that absorb a lot of paint.— To Reduce the Amount of Paint Needed and To Get a Durable Job with Good Appearance.

G.L.F. EXTERIOR PRIMER is made with specially prepared oils, which hold out the paint, and produce, when dry, a foundation coat which does not rob the oil from the paint applied over it. The Primer carries strong, high hiding pigments to cover up the old, hard-to-hide weathered wood.

A coat of PRIMER followed by a coat of G.L.F. SUPER HOUSE PAINT, will often produce a job that compares favorably in appearance and durability with 3 or 4 coats of ordinary House Paint. Not recommended on new wood or over previously painted surfaces.

Made in **WHITE ONLY**. Tint with Yellow Oxide in Oil for use under Ivory, Buff and similar finish coats. For use under Grays, tint with Lamp Black in Oil.

Consult the Master Estimator page 47 to find the covering power of Exterior Primer.

ALUMINUM HOUSE PAINT

First Coater for Wood

A ready-mixed, high quality, aluminum paint designed for one major use.

Made with plenty of good aluminum flake in a carefully selected high grade vehicle with the right types of drying oils and resins. Long recognized as an excellent foundation coat on hard-to-paint woods such as hard southern yellow pine, fir, Pondorosa pine, spruce, and hemlock. Gives thorough sealing of surface and complete hiding in one coat. The finish is a slightly rough, brilliant film to which paint adheres firmly. As an exterior prime coat it tends to keep out atmospheric moisture from the wood.

Also excellent on weather-beaten bare, or worn painted surfaces. Not necessary on normally weathered painted surfaces.



PRICES

5 gal. cans, \$3.15 per gal.
1 gal. cans, \$3.25
1/4 gal. cans, \$1.00

Consult the Master Estimator on page 47 for coverage per gallon.

G.L.F. Paint Materials



UNICO PURE WHITE LEAD IN OIL SOFT PASTE

As pure a White Lead as can be bought—and the whitest. Equal in quality to nationally advertised brands. For average jobs, order from 2½ to 3 gallons Raw Linseed Oil, 1 Pint Drier and 1 Gallon Turpentine per 100 pounds White Lead.

100 Lb. Keg, per Cwt.....\$12.25
25 Lb. Keg, per Keg..... 3.19
Prices subject to change without notice.

DUTCH BOY WHITE LEAD

This nationally known and advertised brand of white lead is made available to you through our service. It has long been a standard of old-time painters. For each 100 lbs., order from 2½ to 3 gallons of raw linseed oil, 1 gallon of turpentine, and 1 pint of drier.

100 Lb. Keg.....\$12.75
25 Lb. Keg..... 3.32

PURE RAW LINSEED OIL

Prices subject to change without notice.

In 55 Gal. Steel Drums, per Gal.....\$1.05
In 5 Gal. Cans, per Gal..... 1.10
In 1 Gal. Cans, per Gal..... 1.20
In 1 Qt. Cans, per Qt..... .38

TURPENTINE

Prices subject to change without notice.

In 56 Gal. Steel Drums, per Gal.....\$.70
In 5 Gal. Cans, per Gal..... .78
In 1 Gal. Cans, per Gal..... .85
In 1 Qt. Cans, per Qt..... .28

PURE GUM SHELLAC 4 LB. CUT

Prices subject to change without notice.

	White	Orange
In 1 Gal. Cans, per Gal.....	\$2.45	\$2.35
In 1 Qt. Cans, per Qt.....	.71	.68

PUTTY

Contains 10% White Lead

25 Lb. Cans, ea..\$2.40
5 Lb. Cans, ea.... .53
1 Lb. Cans, ea... .13

COLORS IN OIL

Full strength, pure colors, ground in pure Linseed Oil. For tinting White Lead in Oil and ready mixed paints, etc.

Yellow Oxide
Chrome Yellow—Med.
Indian Red
Chrome Green—Med.
Raw Umber
Burnt Umber
Raw Sienna
Burnt Sienna
Ultramarine Blue

PAINT AND VARNISH REMOVER

PASTE FORM

Removes old paint and varnish quickly and thoroughly, with a minimum amount of labor. Can be used on vertical and overhead surfaces.

Can be used outdoors — making unnecessary the use of a blow torch for burning off old paint at the risk of starting a fire.

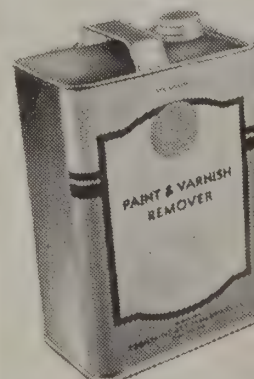
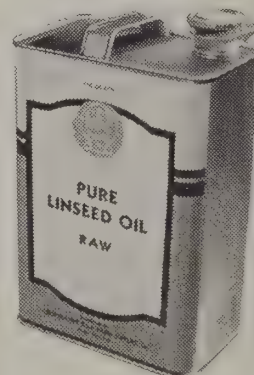
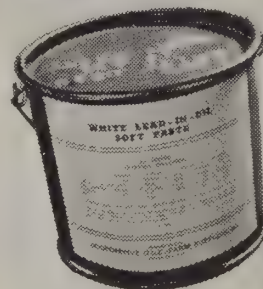
Complete and explicit directions on each can.

In 1 Gal. Cans,
per Gal.....\$2.35
In 1 Qt. Cans,
per Qt..... .75

LIQUID DRIER

A strong Liquid Drier for use in white lead in oil and in ready mixed paints when desired.

1 Qt. Cans, per Qt., 55¢
1 Pt. Cans, per Pt., 34¢



**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**

*... And check for
possible price changes*



G.L.F. PAINT FOR

SUPER HOUSE PAINT (*Also White*) G.L.F. FORMULA "L" UNICO FORMULA "T"

G.L.F. No. 131 Cream White

G.L.F. No. 132 Colonial Yellow
Unico No. 213 Rich Cream

G.L.F. No. 130 Silver Gray
Unico No. 218 Silver Gray

G.L.F. No. 134 Light Ivory
Unico No. 212 Cream

Unico No. 214 Colonial Yellow

G.L.F. No. 136 Pure Gray
Unico No. 216 Pearl Gray

G.L.F. No. 135 Cream
Unico No. 211 Ivory

G.L.F. No. 133 Buff
Unico No. 215 Buff

G.L.F. No. 137 Light-Lead Gray
Unico No. 217 Puritan Gray

BARN PAINT EXTERIOR TRIM COLORS (*Also Sash Black*)

No. 404 Super Venetian Red
No. 405 Standard Barn Red

No. 119 Apple Green

No. 122 Rich Brown

No. 406 Super Persian Red
No. 1708 Red Barn Primer

No. 120 Rich Green

No. 123 Bright Red

ZINC METAL PAINT

No. 700 Red

No. 701 Gray

No. 702 Green

PORCH AND FLOOR ENAMEL

No. 502 Medium Gray

No. 501 Battleship Gray

No. 507 Stone

No. 503 Medium Oak

No. 504 Dark Oak

No. 505 Walnut

SHINGLE STAINS

No. 1603 Brown

No. 1602 Light Gray

No. 1601 Green

EVERY FARM NEED



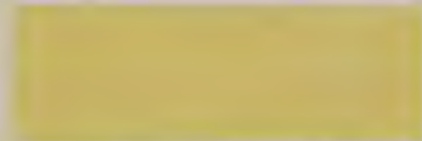
INTERIOR ENAMEL



No. 1003 Ivory



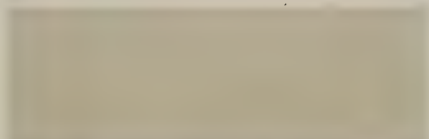
No. 1004 Cream



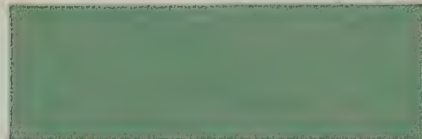
No. 1005 Seneca Yellow



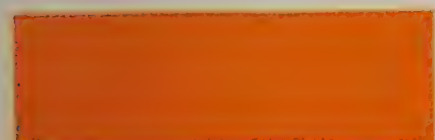
No. 1008 Lettuce Green



No. 1006 French Gray



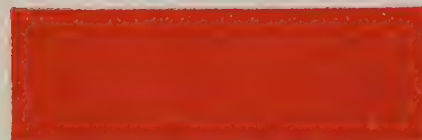
No. 1009 Jade Green



No. 1011 Persian Orange



No. 1010 Holland Blue



No. 1007 Chinese Red

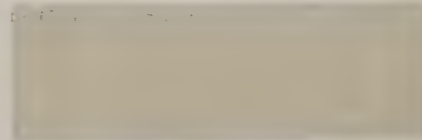
FLAT AND SEMI-GLOSS . . . *Interior Finish*



Semi-Gloss No. 902 Ivory
Flat No. 802 Ivory



Semi-Gloss No. 905 Light Tan
Flat No. 805 Light Tan



Semi-Gloss No. 907 Mist Gray
Flat No. 807 Mist Gray



Semi-Gloss No. 904 Cream
Flat No. 804 Cream

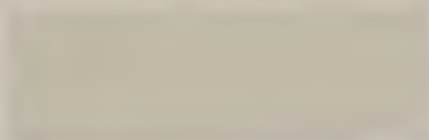


Semi-Gloss No. 908 Pale Green
Flat No. 808 Pale Green

Both flat and semi-gloss finishes are made in white as well as in the shades shown here.



Semi-Gloss No. 903 Buff
Flat No. 803 Buff



Semi-Gloss No. 906 Pearl Gray
Flat No. 806 Pearl Gray



Semi-Gloss No. 909 Powder Blue
Flat No. 809 Powder Blue

VARNISH STAINS



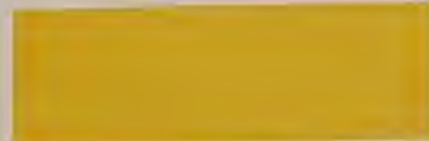
No. 3001 Light Oak



No. 3004 Mahogany



No. 3002 Dark Oak



No. 1707 Varnish Stain
Undercoater



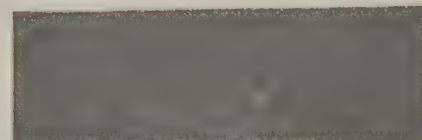
No. 3003 Walnut

G.L.F. paints are made to fit farm specifications. Co-operative manufacturing and distribution saves you money.

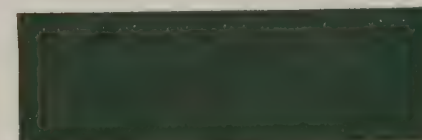
IMPLEMENT



No. 602 Red



No. 603 Gray



No. 604 Green
Also made in No. 605 Black



SUPER

THE OLD BARN
LOOKS LIKE
NEW AGAIN



THERE is no secret about how to make a good Red Barn Paint—just lots of high-quality, durable, **Red Iron Oxide**, ground into the right amount of pure **Linseed Oil**, as only modern paint-making machinery can grind it.

Iron Oxide is chemically the same as natural iron ore and rust. It is practically unaffected by the elements.

Compare the amount of Iron Oxide in G.L.F. Super Red Barn Paint with the amount used in other red barn paints. That will tell you why G.L.F. Super Barn Paint covers so solidly in one coat—why it stays red and doesn't turn pink the way some paints do. The Linseed Oil is there to hold the iron oxide on the wood and protect it against rain, sun, and snow for years and years.

Although Iron Oxide is more durable than any of the white pigments, it costs far less. That is why G.L.F. Super Red Barn Paint can be made and sold for much less than good white house paint.

G.L.F. Super Barn Paint could be made cheaper, but it can't be made better. As good as it is, it costs very little more than commercial brands of lower quality, and will give years of extra service.

It takes no more labor to apply the best paint than to apply a cheap one!

PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY
... And check for
possible price changes

BARN PAINT

There's nothing like a neatly painted set of buildings to make any farmer feel a glow of pride. When the job is done with G.L.F. Super Barn Paint, there's the further satisfaction of knowing the job will last for years to come. Many barns, painted twelve years ago—the first year G.L.F. Super Barn Paint was made—are still giving good service.

5 Gal. Can, per Gal.	\$1.50
1 Gal. Can, per Gal.	1.60
¼ Gal. Can, per Qt.	.55

For quantities required see Estimator
on page 47



*Use G.L.F. Super Barn Paint
on your metal roofs,
barns, sheds, silos and
other farm buildings.*



G. L. F. SUPER BARN PRIMER

On badly weather-beaten surfaces, it is hard to get good appearance and uniform gloss with two coats of paint. But G.L.F. Super Barn Primer makes it possible to do so. It fills and seals the porous, weather-beaten surface. One coat of Barn Red over one coat of Super Barn Primer will produce a better looking job than three coats of Barn Red.



The use of Barn Primer is recommended only for badly weathered wood.

AVERAGE COVERAGE: 550 Sq. Ft. per Gallon, one coat.

SHADE: Same as Super Persian Red Barn Paint.

5 Gal. Pail, per Gal.	\$1.50
1 Gal. Pail, per Gal.	1.60
¼ Gal. Can, per Qt.	.55

STANDARD BARN RED

A good paint at a low price. Made with the same long-lasting Iron Oxide used in Super Venetian Red, but carries less of it. The liquid portion of the paint—the “vehicle”—carries a high percentage of Linseed Oil, the balance being varnish.



Standard Barn Red hides well with one coat, dries to an attractive glossy finish and will give many years of good service. Suitable for all outdoor painting on wood or metal—Barns, Roofs, Etc.

SHADE: Same as Super Venetian Red.

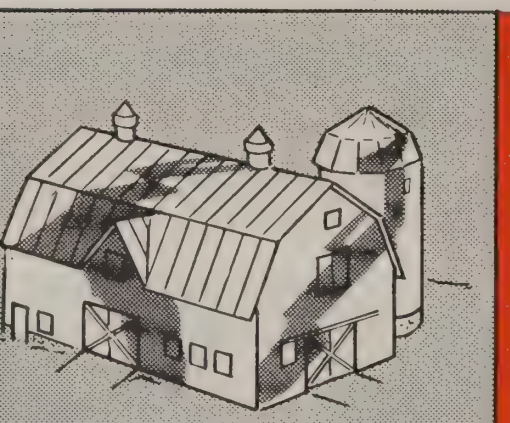
AVERAGE COVERAGE: 350 Sq. Ft. per Gal., two coats.

5 Gal. Pail, per Gal.	\$1.20
1 Gal. Pail, per Gal.	1.30
1 Qt. Can, per Qt.	.45

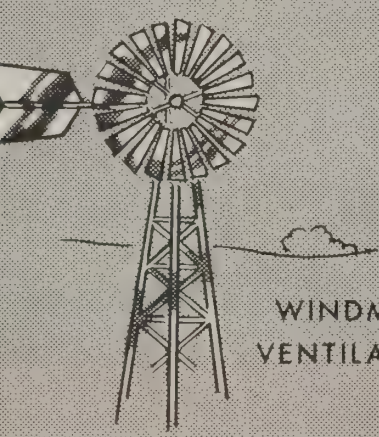


*a hundred
farm jobs
call for ...*

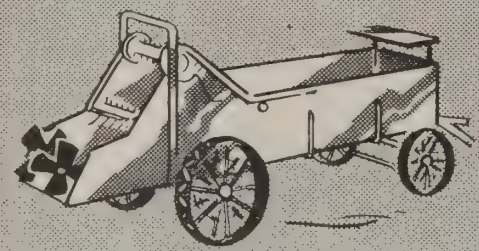
General Purpose ALUMINUM PAINT



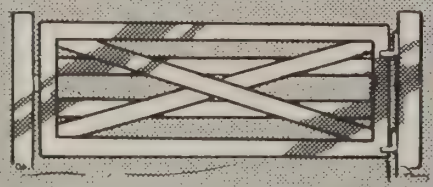
BARNs, SILOS, CORNCRIBS



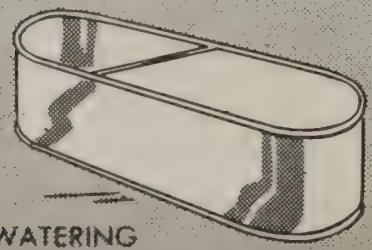
WINDMILLS
VENTILATORS



IMPLEMENTS AND MACHINERY



LAWN AND YARD GATES



WATERING
TANKS



GENERAL Purpose Aluminum paint for exterior metal surfaces, interior wood and metal surfaces, and interiors of silos. Is a distinctly different product from aluminum house paint, First Coater, (see page 48). It is not made for priming wood surfaces but has many other uses because it is fast, hard drying, **plus** the

usual water-proofing properties of aluminum paint.
This new General Purpose Aluminum paint comes ready mixed in the can and gives the same brilliant, smooth finish as aluminum coming in separate compartments. The only preparation is to stir it thoroughly.
It produces a coating of brilliant, lustrous beauty and renders years of protection.

SPECIAL ADVANTAGES AND USES

1. Hides almost any surface in a single coat.
 2. Spreads farther—covers more area per gallon than most other paints.
 3. Reflects the heat of the sun and keeps the inside of the tank or building several degrees cooler on a hot day. Splendid on range houses and gas storage tanks.
 4. Can be used over asphalt and other materials which bleed through ordinary paints.
 5. Excellent seal over knots and sappy spots in wood before applying other paints.
 6. Excellent moisture barrier for walls, etc.
 7. Prevents old varnish-stained finishes staining through paints and enamels applied over them. Always use a first coat of Aluminum Paint before enameling old mahogany-stained woodwork.
- On rusted metal surfaces, wire brush or sand off rust and apply a coat of G.L.F. Zinc Metal Paint, before applying G.L.F. Aluminum Paint. This will prevent the rust spreading under the paint.
- Average Coverage 700 to 800 Sq. Ft. per Gallon.**

for Interior of Wood, Metal and Concrete Silos

Valuable for the interior coating of silos. On wood and concrete silos this keeps the stave dry and prevents the blistering or peeling of the paint on the outside. This hard, acid-resisting finish provides excellent protection to the interior of metal silos. It is lead-free—there's no chance of contaminating the ensilage.

for Interior of Stock Barns

The frequent failure of paint to adhere to the outside of stock barns can be prevented by a good coat of aluminum paint on the inside of the barn. This coating prevents moisture from getting into the board and traveling through to cause blistering and peeling of the exterior paint.

In 5 gal. cans.....	per gal. \$3.15	Super Values!
In 1 gal. cans.....	per gal. 3.25	
In 1/4 gal. cans.....	per qt. 1.00	

PORCH AND FLOOR ENAMEL

G.L.F. Porch and Floor Enamel is made to take the hard service of traffic and outdoor exposure. It dries overnight to a hard, tough, glossy finish, which resists the destructive action of hot summer sun and winter's cold, ice, rain and snow.

Use it on wood, concrete, brick and stone floors. Designed primarily for floors, it can be used for almost any enamel job that has to take outdoor exposure.

The fast, hard drying of this enamel makes it equally desirable as an interior floor finish. Its tough surface stands up under constant traffic. Its smooth, even gloss makes it easy to keep clean. It withstands repeated moppings with soap and warm water. Water does not spot it!

Now available in many new colors for easier selection. Where the color is acceptable, it makes a fine finish for furniture, woodwork, walls, plaster, and composition walls, toys, and boats. Consult the Master Estimator, page 47, for quantities required.



A versatile paint product for exterior porch floors, interior floors and other places where resistance to hard wear is essential

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

Prices:

In 1 gal. cans, per gal.	\$2.85
In 1/4 gal. cans, per qt.	.85

COLORS — Battleship Gray, Stone, Medium Oak, Dark Oak, Walnut, Medium Gray.

Durable IMPLEMENT PAINT

Protect your investment in tools—save the metal from rust, and the wood from decay—Keep your tractor, wagons, trucks and tools painted with tough, glossy, durable G.L.F. IMPLEMENT PAINT.

One coat covers on repaint work. Give the wood surfaces 2 coats for a fine finish and added protection. Dries overnight in good weather.

Colors: Made in new and attractive colors. Red, Gray, Green, Black.

In one Gal. Pails, per Gal. \$3.15

In one Qt. Cans, per Qt.95



Non-Fading SHINGLE STAIN

Made with permanent, non-fading colors—creosote to preserve the wood against rot—and Linseed Oil to hold the stains in the wood and make them last. Can be applied by dipping, brushing, or spraying.

Coverage—Dipping—1 Gallon will stain approximately 1/2 a square of shingles, 2/3 of their length.

Brush or Spray—1 Gallon will stain approximately 1 square.

Colors: Light Gray, Green, Brown.

Note: Stains do not cover as solidly as paint. A dark Stain may be applied over a weathered light stain but a light stain will not hide a dark one.

KAURI GRAY BAKELITE ENAMEL FOR MAPLE SAP BUCKETS

This material satisfied the State requirements for a sap bucket paint. It is lead-free and will stand up under washing and handling.
Colors—Gray only.

Average Coverage—1 Gal. will paint 200 buckets inside.

In 1 Gal. Pails, per Gal. \$4.00

In 1 Qt. Cans, per Qt. 1.12



In 5 Gal. Pails,
per Gal. . . . \$1.40

In 1 Gal. Pails,
per Gal. . . . 1.50

**Paint up
Touch up
Brighten up**



G.L.F. ENAMELS

COLORS: White, Ivory, Cream, Lettuce Green, Jade Green, French Gray, Chinese Red, Black, Seneca Yellow, Holland Blue, Persian Orange.

For woodwork—furniture—bathrooms—toys and most all household painting jobs, when you are after an easy to clean, brilliant gloss, and a clean, bright color, G.L.F. Enamel is the finish you want.

DO IT WITH G.L.F. ENAMEL!

EVERY household has dozens of uses for colorful G.L.F. Enamels—for indoor and outdoor use on wood, metal, etc. They're easy to apply! They dry fast and hard, to a tough, brilliant gloss finish which resists the effects of household accidents: spilled milk—hot grease—the baby's pounding spoon—hot and cold water, etc. Easy to clean—usually with just a damp cloth.

Use these enamels on woodwork and furniture. "Trade Mark" your small tools with bright, distinctive-colored handles. Let the boys refinish the old bike, the wagon and the sleds.

Turn daughter loose on her room and see what she can do. She can even use these enamels on her floor because they can "take it"!

Do over the porch swing—the lawn chairs—the washing machine—the refrigerator—the boats. Shabby old belongings take on new life with a new dress of shining enamel! It's great fun—and there's no end to the "new-old" discoveries you can make this easy way.

And it all costs so little, because the enamel goes so far! One coat is usually enough. **COVERING CAPACITY**—Consult "Master Estimator" on page 47.

1 Gal. Pail, \$3.15—1 Qt. Can, \$.95— $\frac{1}{2}$ Pt. Can, \$.37

ENAMEL UNDERCOAT—WHITE

For finer Enamel finishes.

G.L.F. Enamel Undercoat gives a smooth, brush mark free finish, hard enough to sand in preparation for finishes where the last degree of smoothness is desired. Undercoat has unusual hiding properties that aid in producing solid color results over all surfaces.

For covering capacity consult Master Estimator on page 47.

In 1 Gal. Cans, per Gal. \$2.60
In $\frac{1}{4}$ Gal. Cans, per Qt.80

Note the brilliant colors, shown on pages 50 and 51.



G.L.F. FLAT WALL PAINT

COLORS: White, Ivory, Cream, Buff, Lt. Tan, Pearl Gray, Mist Gray, Powder Blue, Pale Green. See pages 50-51.

AVERAGE COVERAGE
See "Estimator" page 47



A Living Room transformed as if by magic with a few hours work and some G.L.F. flat wall paint.

FOR ALL INTERIOR SURFACES—Plaster, Wallboard, Fibre Board, Wood, Metal

This fine-textured, washable oil paint brushes on easily and sets up slowly—even an amateur can apply it to large areas without showing lap marks. Dries hard enough overnight for the room to be used the next day.

It covers so well that a single coat is usually enough to do a good job over a clean, previously painted surface. Many people have obtained good results over old wall paper, but for long-

time results remove the paper first. The soft-textured tints diffuse the light without harsh reflections and glare, making rooms finished with this paint bright and cheerful. Almost any room appears larger with painted walls.

It is astonishing what a coat of White, if only on the ceiling, will do in lightening up a dark closet, store room, shop, laundry or attic.

1 Gallon Pails, \$2.00 1 Quart Cans, \$.65

G.L.F. SEMI-GLOSS PAINT

An Interior finish of Rich Lustre for Plaster, Wallboard, Fibre Board, Wood, Metal and Concrete.

G.L.F. Semi-Gloss Paint can be used for almost every interior paint job except furniture and floors. Its velvety lustre—between flat finish and enamel—makes it restful to the eyes. Extremely washable, a fine finish for kitchen, bathroom, laundry and woodwork. Use on wall areas where gloss enamel would be too glaring.

It brushes on easily, and levels off to a smooth, even finish free from brush marks. Its excellent hiding capacity produces a very satisfactory job with one coat over surfaces of similar color. Two coats give a beautiful finish, even to the toughest surface.

The high coverage means real painting economy. For only \$3.35 you get enough paint to do a medium sized room. It will cover 550 sq. ft., one coat, on an average.

COLORS: White, Ivory, Cream, Buff, Lt. Tan, Pearl Gray, Mist Gray, Powder Blue and Pale Green.

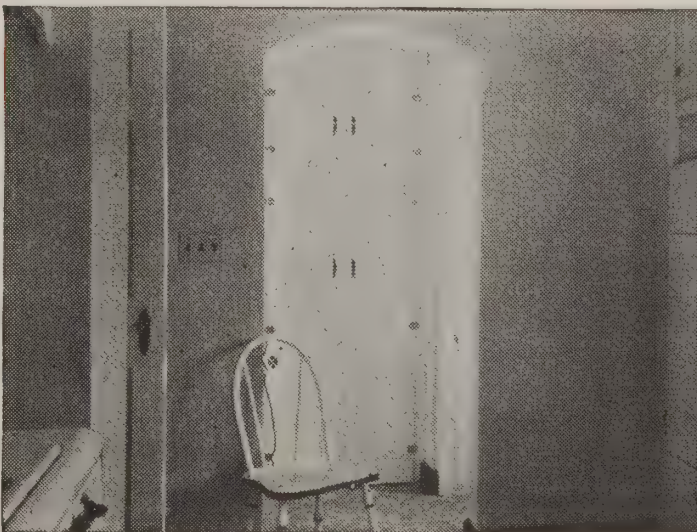
PRICE

In 1 Gallon Pails, per Gal. \$2.85

In 1 Quart Cans, per Qt.85

COVERAGE

Consult the "Estimator" on page 47



A Kitchen taken out of the "DARK AGES" with bright, easy to clean, G.L.F. Semi-Gloss Finish.



INTERIOR PRIMER

Porous surfaces such as unpainted plaster, wood, wallboard, etc., must be filled or sealed against suction, before a uniform paint or enamel finish can be obtained. G.L.F. INTERIOR PRIMER thoroughly seals and primes almost any type of surface in a single coat. It usually saves one coat of paint. Easy to apply and dries overnight. White only. May be tinted with colors in oil.

In 1 Gallon Pails, per Gal. \$2.60 In 1 Quart Cans, per Qt.80¢

AVERAGE COVERAGE, Consult "Estimator" on page 47.



G.L.F. VARNISHES & Varnish Stains

SPAR VARNISH

For Interior and Exterior Use



Spar Varnishes originally used on the spars and masts of sailing ships today are intended for any severe outdoor service.

G.L.F. Spar Varnish—thanks to the synthetic resins modern science has produced—is much better than the Spar Varnishes

early sailing men used. It goes on easily and dries quickly to a hard, tough, glossy finish that can take

a lot of abuse. Not only good enough to stand up outdoors in stormy weather, it is also hard enough to be used on Floors, Furniture, Woodwork, Boats, Lawn Furniture and Trucks. In fact it can be used wherever a good varnish is needed.

Withstands boiling water, cold water, hot grease, gasoline, or washing with soap and water—as good a varnish as can be bought! . . . 1 Gallon Cans, \$3.10 1 Quart Cans, \$.95

COVERAGE—Consult the “Estimator” on page 47.

FLOOR AND INTERIOR VARNISH

For use on Interior Floors, Furniture and Woodwork



Floor and Interior Varnish dries fast, setting up in one hour and drying hard in from 4 to 8 hours. It produces a brilliant, glossy finish that is easy to clean. Produces a tough finish that will stand constant treading as well as repeated washing with soap and water. It is waterproof so will not spot or turn white when scratched.

For use on wood, concrete and linoleum floors. Is a very light colored varnish and will not cause your floors or woodwork to become dark.

COVERAGE—Consult “Master Estimator” on page 47.

1 Gal. Cans, per Gal.	\$2.80
1/4 Gal. Cans, per Qt.	.83

VARNISH STAINS—For Floors, Woodwork and Furniture

Stain and Varnish in one operation. Dry overnight to a hard, waterproof, gloss finish, which allows the natural beauty of the wood grain to show through.

Successive coats deepen the color. A finish can be built up on new wood by first sealing the wood with a coat of Floor and Interior Varnish, or, if a darker shade is desired, apply 2 or 3 coats of G.L.F. Varnish Stain.

Over Dark Surfaces, if a light color is desired, apply a first coat of G.L.F. Varnish Stain Undercoat (See below).

COVERAGE—Consult the “Estimator” on page 47.

PRICES

1 Gallon Pails, per Gal. . . .	\$2.80
1 Quart Cans, per Qt.	.83

COLORS

Light Oak, Dark Oak,
Mahogany and Walnut

VARNISH STAIN UNDERCOAT

Use under G.L.F. VARNISH STAINS when it is desired to put a light color over a dark surface. Hides any surface in 1 coat and dries overnight to a flat smooth finish, free from brush marks, ready for applying Varnish Stains.

Color—Buff. Coverage—Consult the “Estimator” on page 47.

PRICES—1 Gallon Cans \$2.35 per Gallon—1 Quart Cans \$.75 per Quart.



**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**
... And check for
possible price changes

G.L.F.

Better BRUSHES For Better WORK

G.L.F.



PAINT AND VARNISH BRUSHES For Patrons' and Master Painters' Use

Made from highest quality Chinese bristle. These are the same high quality brushes handled in the past. Now under Unico brand.

FLAT BRUSHES

For Paint, Varnish and Enamel
A good inexpensive patron's brush made from pure Chinese bristles. Holds paint well and will apply it smoothly.

UNICO STANDARD

Width	Length	Price
1 "	2 1/8"	\$.21
1 1/2"	2 1/8"	.27
2 "	2 3/8"	.47
2 1/2"	2 5/8"	.61
3 "	2 7/8"	.86



PAINTERS' BRUSHES

FIRST QUALITY
Flat Brushes for Paint, Varnish and Enamels

Made from highest quality Chinese bristle. Bristles set so they will not come out. Will last many jobs if properly taken care of.

UNICO SUPER

	Width	Length	Price
No. 11	1 "	1 7/8"	\$.28
No. 22	1 1/2"	2 1/8"	.52
No. 33	2 "	2 7/8"	.90
No. 44	2 1/2"	3 1/8"	1.40
No. 55	3 "	3 3/8"	1.95



FLAT WALL BRUSHES

For Interior and Exterior Paints
Low priced Patron's Brush. Pure bristle in extra deep ferrules.

	Width	Price
Unico Special Wall—3 "	"	\$.46
Unico Special Wall—3 1/2"	"	.68
Unico Special Wall—4 "	"	.86



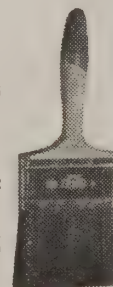
PATRON'S BRUSH

BEST QUALITY

Pure Chinese bristle, will hold lots of paint and wear a long time.

UNICO STANDARD WALL

Width	Length	Price
3 "	2 7/8"	\$.71
3 1/2"	3 1/8"	1.42
4 "	3 3/8"	1.91



MASTER PAINTER'S BRUSH

LOW PRICED

Flat Wall Brushes for Painting Interior and Exterior.

100% pure bristle, full stock, long bristle, lays paint on smoothly and easily.

UNICO M.P. WALL

Width	Length	Price
3 1/2"	3 5/8"	\$2.52
4 "	3 7/8"	3.68



SASH BRUSHES

Made with pure bristle.

	Price
Unico No. 6 Oval	\$.32
Unico Angular—1 1/2"	.51



Unico #6 Oval Unico Angular

ROOF COATING BRUSH

MASTER PAINTER'S OVAL BRUSHES

Highest quality, pure Chinese bristle. Nickel plated steel ferrules. This brush cannot be surpassed.

No.	Width	Length	Price
10/0	2 "	3 7/8"	\$4.48
12/0	2 1/8"	4 1/8"	5.42



Made with firm stiff bristle that makes application of asphalt roof coatings easier. 3-Knot. .70¢

MASTER PAINTER'S FLAT WALL BRUSH

The best brush obtainable at lower prices than elsewhere. Full stock, extra long pure Chinese bristle.

No.	Width	Length	Price
10/0	2 "	4 1/8"	\$3.84
12/0	2 1/8"	4 5/8"	5.90



"Half A Million



8

SUPER UNICO

4-ply **945**

SUPER UNICO

6-ply **1095**

UNICO

White — Black
4-ply **895**

**UNICO
EXTRA-TRACTION**
4-ply **895**



A SINGLE farmer can't do much about tire prices and quality. All the farmers in G.L.F. territory can't do much. But half a million farmers can do something about tire prices. They can do something about quality.

What they have done is shown on these pages.

They have developed a line of tires as complete as any in this country—a tire for every job. They have bargained with the rubber industry to make these tires to their own specifications. They are purchasing them through their own cooperatives at the lowest cost ever achieved for

Farmers Helped Me Strike this Bargain"

different 6.00-16
UNICO TIRES
to choose from

UNICO
EXTRA-TRACTION
6-ply **10⁴⁵**

UNICO
4-ply **7⁹⁵**

UNICO
BEARCAT
4-ply **6⁶⁵**

UNICO
TRUCK
6-ply **12⁹⁰**



tires of comparable quality.

All this has been possible because farmers of eight states have combined their purchasing power through United Cooperatives.

Farmers working together get things done.

How shall I pick the



This display will help you make your selection.

UNICO TIRE *that suits me!*

Super **UNICO** *for the Patron who*



wants the finest tires he can buy. Modern styling combines with the latest scientific tire engineering in producing a tire that is not only good looking but offers the utmost in safety and comfort with extra long mileage. They are the equal in every respect of the original tires that come on new cars. Yet the cost is \$3.00 to \$5.00 less than other first line tires with equal rating.



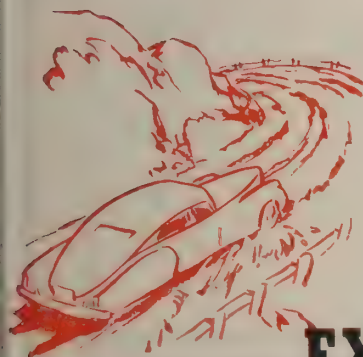
UNICO *for the Patron who*

wants a tire that will give him safe, long mileage at a moderate price. Its specially designed tread gives plenty of traction and the husky carcass gives real protection. The cost is \$2.00 to \$4.00 below other well known tires of similar rating.



BEAR CAT *for the Patron who*

is primarily interested in low initial cost but who does not require the extremely long mileage found in Super Unico or Unico. A husky, serviceable tire for older cars. Compares with other brands that sell from \$1.00 to \$3.00 more.



EXTRA TRACTION *for the Patron who*

needs a tire which will provide traction in snow, mud, sand or off-the-road service. Many G.L.F. patrons use the extra-traction type on their passenger cars in the winter and spring, then switch these tires to a piece of farm equipment for summer—getting 12 months extra-traction service where it is needed.



UNICO PASSENGER TIRES & TUBES

SIZE	Unico Regular	Unico Extra Traction	Unico Extra Traction Heavy Duty	Super Unico	Super Unico Heavy Duty	TUBES
7.00—15	...	...	....	\$12.90	....	\$2.00
5.50—16	...	...	....	8.40	....	1.45
6.00—16	\$7.95	\$ 8.95	\$10.45	9.45	\$10.95	1.70
6.25—16	9.65	10.85	....	10.75	13.45	1.70
6.50—16	9.65	10.85	....	11.75	13.45	2.05
7.00—16	...	....	....	13.20	....	2.05
5.25—17	7.85	8.65	....	...	10.10	1.60
5.50—17	7.85	8.65	10.25	8.70	10.10	1.60
5.25—18	7.45	8.45	....	...	....	1.35
5.50—18	7.45	8.45	....	...	....	1.65
4.75—19	6.25	6.95	....	....	....	1.35
5.00—19	6.25	6.95	....	...	....	1.35
5.50—19	8.25	...	....	...	....	1.65
4.50—20	6.10	...	....	...	....	1.20
4.75—20	6.10	...	....	...	....	1.20
5.00—20	6.10	...	....	...	....	1.20
4.40—21	5.95	...	....	...	....	1.20
4.50—21	5.95	...	....	...	....	1.20

BEAR CAT

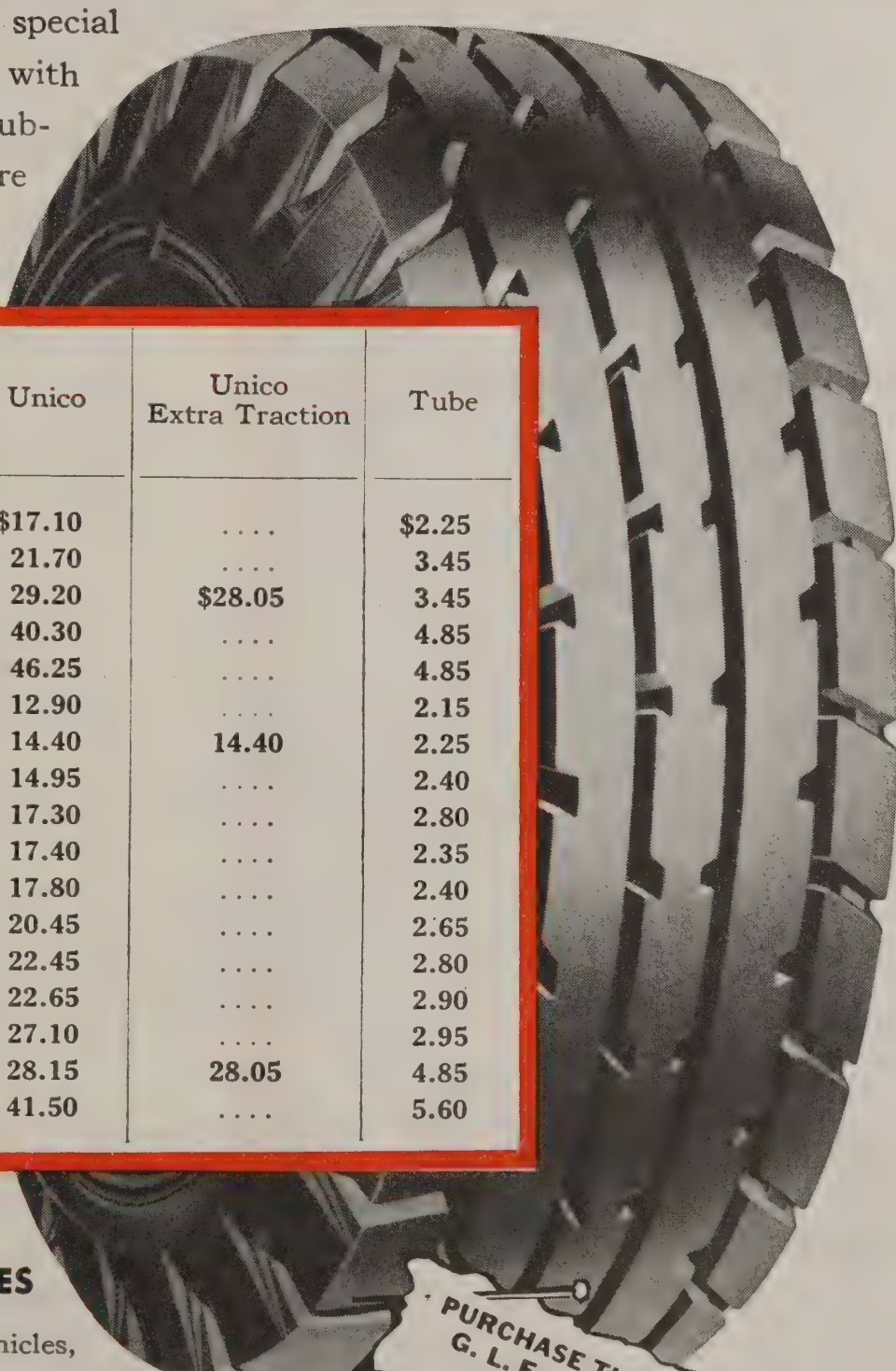
Size	Tire	Tube
6.00—16	\$6.65	\$1.70
5.25—17	6.25	1.60
5.50—17	6.25	1.60
4.75—19	4.95	1.35
5.00—19	4.95	1.35

UNICO WHITE-BLACK

Size	Tire	Tube
6.00—16	\$ 8.95	\$1.70
6.25—16	10.25	1.70
6.50—16	10.25	2.05

UNICO TRUCK TIRES & TUBES

Heavy loads and tough going show up the value of Unico Truck Tires. Farmers who know what a truck tire has to take over rough, rutty roads and lanes are quick to appreciate the extra service they get from Unico Truck Tires. These tires are designed to give maximum mileage without sacrificing traction. The carcasses are made of special cable cord, insulated with chemically toughened rubber to withstand the severe heat of fast road service.



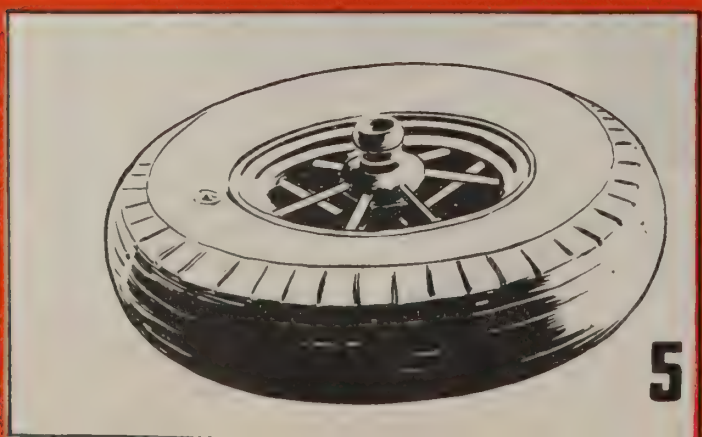
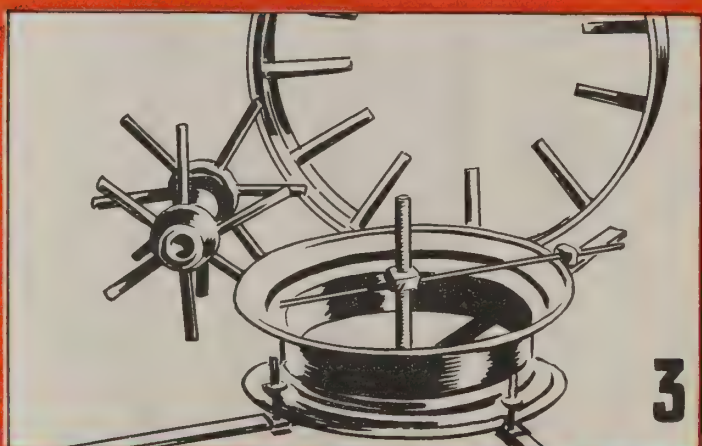
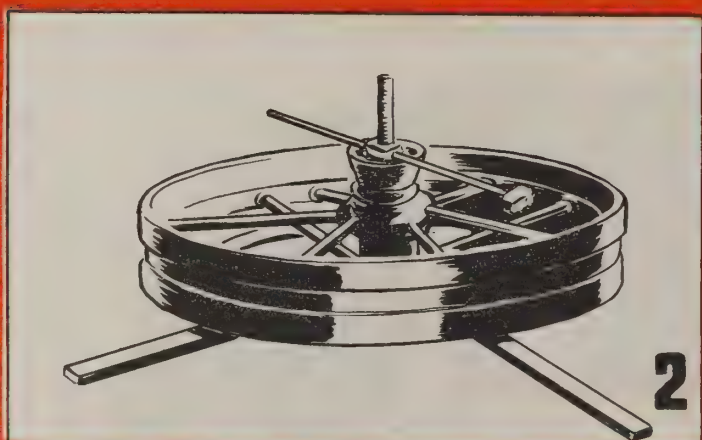
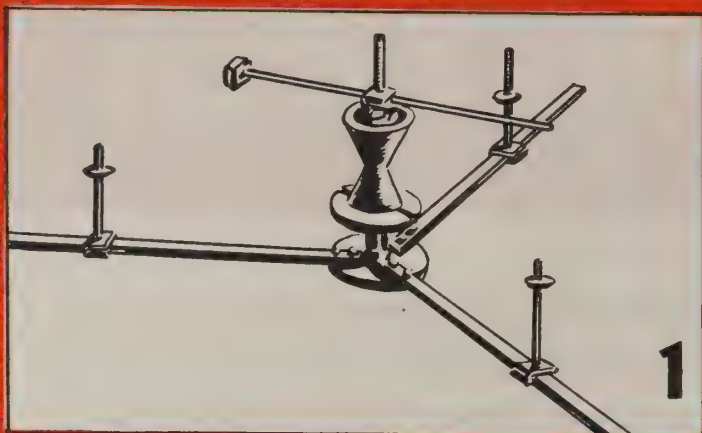
Size	Ply	Unico	Unico Extra Traction	Tube
30 x 5	8	\$17.10	....	\$2.25
32 x 6	8	21.70	....	3.45
32 x 6	10	29.20	\$28.05	3.45
34 x 7	10	40.30	....	4.85
34 x 7	12	46.25	....	4.85
6.00—16*	6	12.90	....	2.15
6.00—20	6	14.40	14.40	2.25
6.50—16*	6	14.95	....	2.40
6.50—20	6	17.30	....	2.80
7.00—15*	6	17.40	....	2.35
7.00—16*	6	17.80	....	2.40
7.00—17*	6	20.45	....	2.65
7.00—20	8	22.45	....	2.80
7.50—16*	8	22.65	....	2.90
7.50—17*	8	27.10	....	2.95
7.50—20	8	28.15	28.05	4.85
8.25—20	10	41.50	....	5.60

*TIRES FOR LIGHT COMMERCIAL VEHICLES

On many light delivery vehicles, patrons have been using the standard passenger car tire with unsatisfactory results. In Unico we have a truck tire built especially for this severe service. It is made of standard truck tire construction.

PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY
... And check for
possible price changes

Change over to Rubber



Farm equipment now on metal rims can be changed over to rubber—making a more efficient vehicle with all the advantages which go with rubber tires—and, at the same time make use of old tire casings.

Rubber tires increase the mobility of every piece of equipment—permitting more work, more loads . . . faster. Rubber tires cushion and protect both the vehicle and its load.

CHANGE-OVER STEPS

(See your G.L.F. service agency for the nearest place to have this work done)

1. Type of jig on which the old metal wheel is mounted for measuring cuts to be made. The old hub and cut-down spokes are used.

2. Old wheel on jig ready for cutting.

3. Hub and spokes cut—ready for mounting the pneumatic rim.

4. New rim being welded in position.

5. Completed assembly with tire in position on the new rim.

Wheels can be adapted to any size tire—depending on clearances which should be determined in advance . . . plus an allowance for chains, if they are ever used on the particular implement.

Select the proper size tire and inflation necessary for the maximum load to be carried by this vehicle. This has a bearing on tire size selection if heavy loads are to be carried.

**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**

*... And check for
possible price changes*

...use your OLD TIRES



Almost any implement or vehicle on the farm can be improved and its efficiency increased by using rubber tires.

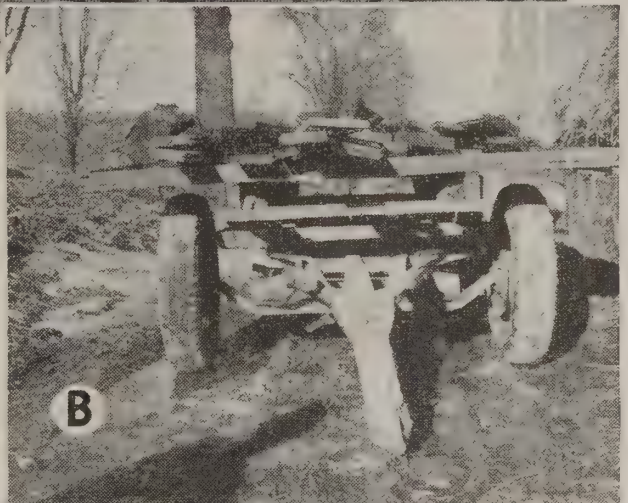
Some typical conversions are shown in these photos. In two instances the farmer has made use of an old auto or truck chassis or axle and wheel assembly—eliminating the necessity of changing rims as outlined on the opposite page.

A—Wagon on which wheels have been changed as shown on opposite page. Tires are 6.00-16.

B—Wagon body mounted on old truck chassis, using truck's original wheels and used truck tires.

C—Wagon body mounted on front axle and wheel assembly from old auto . . . 6.00-16 tires.

D—Mower originally fitted with steel wheels; changed over to rubber using original wheels cut down and fitted with proper rim to take 6.00-16 tires.



BUREAU PENN MOTOR OIL

*...for motors
like these*



Super Quality Lubrication

Oils suitable for use in new motors must be light-bodied to circulate around close-fitting pistons and in tight bearings, yet be tough to withstand the heat which these powerful motors develop.

Bureau-Penn Motor Oils are paraflow reinforced in S.A.E. 10-10W; 20-20; and 30-30W* for quicker flowing new motor protection in both summer and winter and for easy winter starting.

They have the high flash and fire points necessary to stand up under hot, hard motor operation and are refined from the choicest and most costly Pennsylvania lubricating oil stocks.

G.L.F.'s efficient distribution makes the following low patron costs possible—

	5 qt. can95¢ (76¢ per gal.)	5 gal. can . . . \$3.60 (72¢ per gal.)	
	1 qt. can . . .25¢	2 gal. can . . . \$1.45 (72½¢ per gal.)	
	Case of four 5-qt. cans \$3.60 (72¢ per gal.)		
Case of twelve 1-qt. cans \$2.40 (80¢ per gal.)			

*Also available without paraflow in S.A.E. 40 for use in hard-worked tractors and trucks.

**BUREAU
PENN
Motor Oil**

UNICO PENN MOTOR OIL

*...for motors
like these*



G.L.F. patrons who operate tractors which were designed to use heavy oils, are not driving new cars—use their trucks only for farm chores, can enjoy these advantages of

100% PENNSYLVANIA OILS

Easy starting • Minimum of engine wear • Good motor protection • Low oil consumption . . .

by using

UNICO-PENN 100% PENNA. MOTOR OIL

(Pennsylvania Grade Crude Oil Association Permit No. 867)

Available in S.A.E. 10*, 20*, 30*, 40*, 50, 60

Unico-Penn was developed by United Co-operatives for farm motors which do not need the super-quality lubrication of Bureau-Penn. It is a good oil, comparing favorably with most Pennsylvania oils on the market.



2 gal. can \$1.10
(55¢ per gal.)

5 gal. can \$2.70
(54¢ per gal.)

*Also made in low-pour point winter grades.

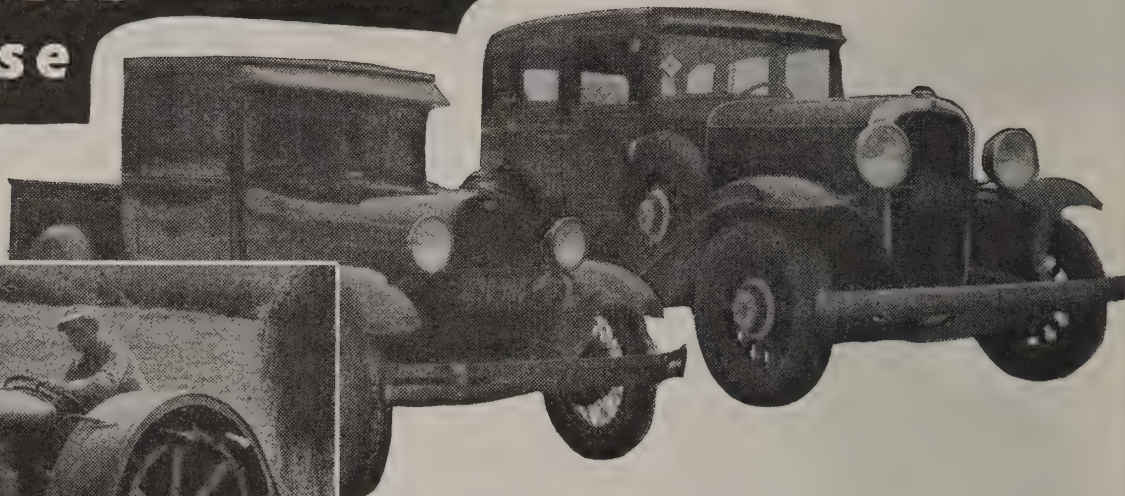


**UNICO
PENN
Motor Oil**

UNICO SPECIFICATION NO. 425 MOTOR OIL



*...for motors
like these*



THE greater clearances around the pistons and in the bearings of these older motors re-

quire a tough bodied oil to maintain cylinder compression and minimize further bearing wear.

UNICO SPECIFICATION No. 425 MOTOR OILS

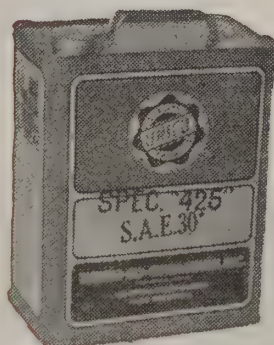
Economically lubricate these motors—because they have the high heat resistance necessary to minimize piston blow-by. They retain their viscosities

when hot to form a tough bearing film.

Refined from high grade Paraffin base oil stocks.

Available in SAE 20*, 30*, 40*, 50 grades.

2 Gal. Can, Each 95¢
(47½¢ per gal.)



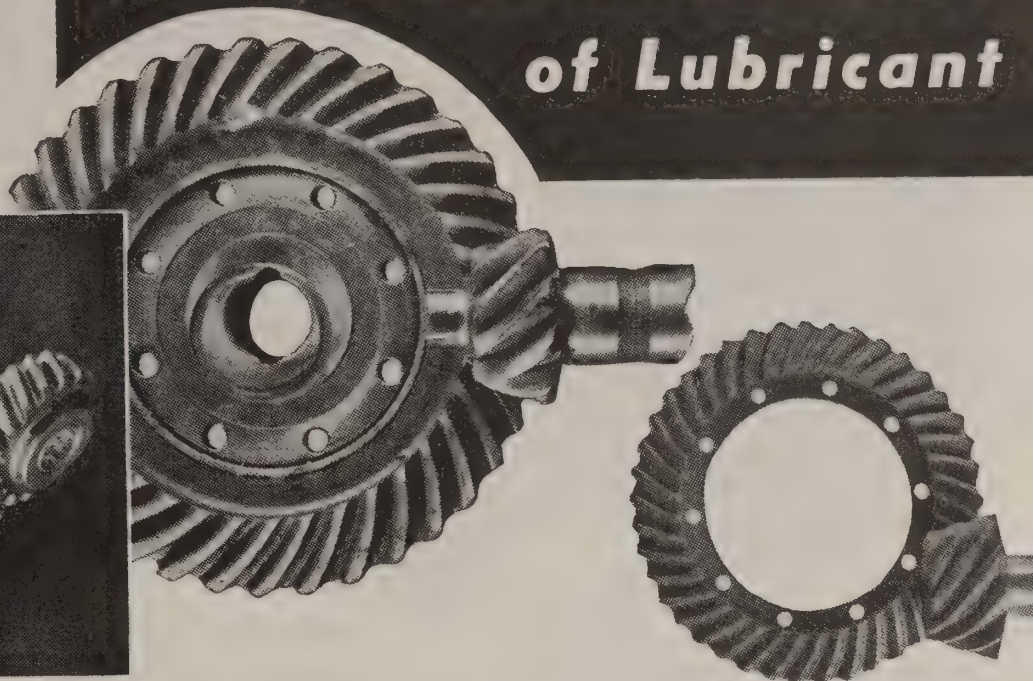
5 Gal. Can. . \$2.35
(47¢ per gal.)



*These grades also winterized to flow in below freezing temperatures.

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

Each Type of Gear Must Have its Own Type of Lubricant

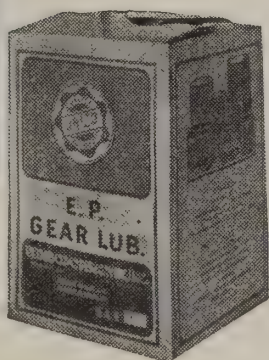


UNICO

E. P. GEAR LUBRICANT

For use with modern high pressure spiral gears when specified.

2 Gal. Cans.....\$1.60
5 Gal. Cans..... 3.95

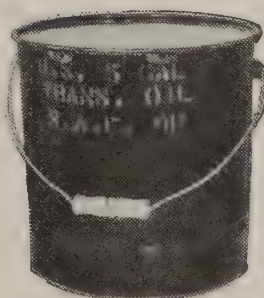


UNICO

TRANSMISSION AND GEAR OIL

For use with conventional gears in cars—trucks—tractors.

2 Gal. Cans.....\$1.10
5 Gal. Cans..... 2.65

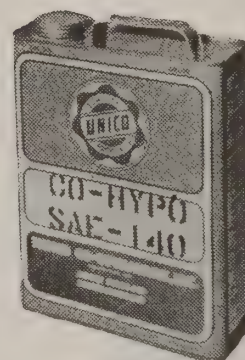


UNICO

HYPOID GEAR OIL

For use with hypoid gears. Reinforced to withstand extreme gear pressures.

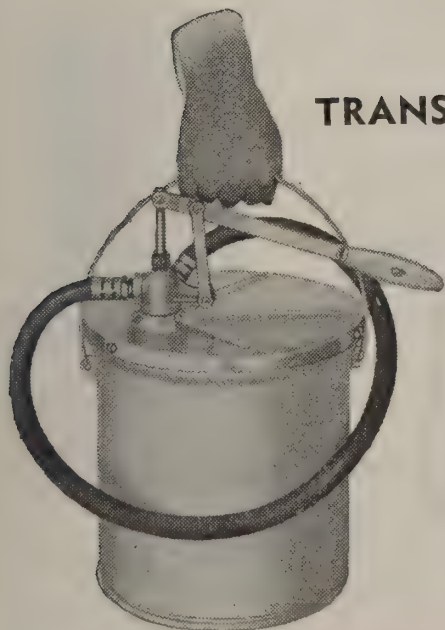
1 Gal. Cans.....95¢



TRANSMISSION AND GEAR OIL PUMP

For use with the 5 gal. cans of Transmission and Gear Oils in servicing tractors and trucks.

Each.....\$2.95



DIFFERENTIAL GEAR OIL SUCTION PUMP

A low cost pump useful for filling car and light truck transmission and differential cases.

Each.....25¢



UNICO GREASES and GREASE GUNS



Designed for Farm Use
25 LB. E-Z FILL PAIL
\$2.75 each

**FILLED WITH UNICO VISCOUS
 PRESSURE GUN GREASE**

For use on cars, trucks and tractors. A high grade aluminum oleate base, water-proof lubricant. Specially made for use with high pressure grease gun.

5 LB. CAN 55¢ each

Here is the simple grease system every farmer wants. The grease gun can be filled directly from the E-Z Fill grease pail without waste or messiness. The cover stays on—no dirt can get in.

HIGH PRESSURE GREASE GUN



For use with E-Z Fill Pail. Develops over 6000 pound pressure. Supplied with snap-on adapter. Other adapters optional. Each\$1.95



**Unico Cup Grease
 No. 3**

For use in grease cups, etc.

**5 lb. Can
 50¢ each**

DIRECTIONS FOR FILLING

- 1 Remove and discard screw in cover top.
- 2 Remove plug from socket and attach barrel of grease gun by screwing tightly into socket.
- 3 Pull out gun plunger slowly until gun is filled with grease.
- 4 Detach grease gun and replace plug.

UNICO COMBINATION CUP AND GUN GREASE

Put up in 5 lb. pails or in the 25 lb. E-Z Fill Pail. A calcium base, soft dual purpose grease—suitable for use on trucks and other farm equipment having grease gun fittings.



**25 lb. E-Z Fill Pail
 \$2.25**

**5 lb. Can
 40¢ each**

**PURCHASE THROUGH YOUR
 G. L. F. SERVICE AGENCY**
*... And check for
 possible price changes*



AXLE GREASE

For use on farm wagons, etc.

**5 lb. Can
 50¢ each**

Splendid Values in STORAGE BATTERIES



Unico Batteries are made by a leading battery manufacturer and are designed to give ample lights and quick starts in the toughest service. They are long lived batteries—note the guarantees.

Volume buying and G.L.F. distribution make these low costs possible. See your G.L.F. Service Agency to find the size for your car or truck.

75¢

allowance from these costs will be made for your old battery, regardless of its condition, delivered to the nearest G.L.F. Farm Supplies Warehouse.

CAR BATTERIES

Price	No.	Dimensions			Plates Per Cell	In- sula- tors	Power Ratings		Guaranteed for Months
		L In	W Inches	H			20 amp. Hr.	300 amp. 0° F. in Min.	
Group I									
\$ 8.95	U-98	9 $\frac{1}{16}$	7	8 $\frac{11}{16}$	17	R	110	4.5	27*
7.35	U-95	9 $\frac{1}{16}$	7	8 $\frac{11}{16}$	15	W	100	3.3	21*
4.85	U-91	9 $\frac{1}{16}$	7 $\frac{1}{16}$	8 $\frac{11}{16}$	13	W	70	1.5	6*
Group 1B									
9.45	U-88	10 $\frac{1}{2}$	7	7 $\frac{7}{8}$	19	R	115	4.8	24*
7.45	U-85	10 $\frac{1}{2}$	7 $\frac{1}{8}$	7 $\frac{7}{8}$	17	W	100	3.4	18*
5.75	U-81	10 $\frac{1}{2}$	7 $\frac{1}{8}$	7 $\frac{7}{8}$	15	W	80	2.0	6*
Group 17HF									
8.45	U-89	10 $\frac{9}{16}$	7 $\frac{1}{4}$	9 $\frac{3}{16}$	17	W	120	4.3	24*
Group II									
8.45	U-68	10 $\frac{3}{8}$	7 $\frac{1}{16}$	8 $\frac{11}{16}$	17	W	115	4.1	24*
7.45	U-65	10 $\frac{3}{8}$	7 $\frac{1}{16}$	8 $\frac{11}{16}$	15	W	95	3.1	12*
Group 17L									
8.75	U-78	19 $\frac{5}{16}$	4	8 $\frac{13}{16}$	17	W	120	4.3	21*
7.65	U-75	19 $\frac{5}{16}$	4	8 $\frac{13}{16}$	15	W	100	3.2	18*

TRUCK BATTERIES

Group I									
7.95	U-15H	9 $\frac{1}{16}$	7	8 $\frac{11}{16}$	15	R	95	3.1	18
Group 1B									
9.95	U-17H	10 $\frac{1}{4}$	7 $\frac{1}{8}$	7 $\frac{7}{8}$	17	R	100	3.4	18
Group II									
10.45	U-19H	10 $\frac{3}{8}$	7 $\frac{1}{16}$	8 $\frac{11}{16}$	17	R	115	4.1	18

R—Rubber

W—Wood

*One-half as long in commercial service

UNICO ANTI-FREEZE

A carefully compounded blend of Ethyl alcohol and synthetic methanol, containing an evaporation retardant, anti-rust inhibitor and dilution indicator. 190 proof.

COSTS

1 qt. sealed cans

20¢ each

1 gal. sealed cans

65¢ each





UNICO SPARK PLUGS...35¢

Worn out, burned, cracked and wrong heat range spark plugs cause loss of power and decrease gasoline mileage.

Unico spark plugs are made by one of the largest manufacturers on the same machinery, by the same skilled workmen, and with the same materials that are used to construct one of the best 65¢ nationally advertised spark plugs.

By volume buying and low cost G.L.F. distribution, patrons can get these plugs at 35¢ each without any sacrifice in quality.

See your G.L.F. Service Agency for the correct spark plug sizes for your motors or use the comparison chart below if you wish to duplicate past good spark plug performance at G.L.F. savings.



←Buy Unico spark plugs in sets of four or more and get this Unico spark plug gauge **free**.

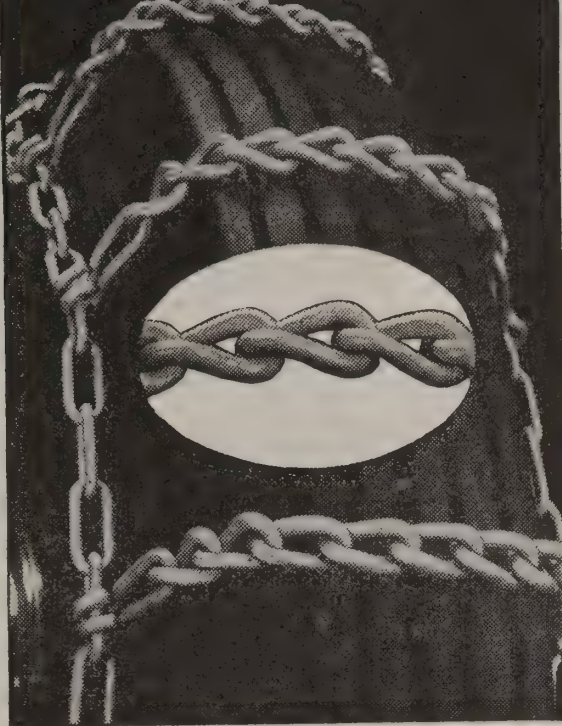
REPLACEMENT CONVERSION CHART

	Unico	Edison	Champion	A C		Autolite
				Regular Line	Blue Top	
$\frac{7}{8}$ "	13	38-T	CO, O, O-Com.	E-8, L-8, E-9	75	T-7, TH-7
Types	14	37-T	C-4S, 1 Com. 2 Com.	L-9, L-7, Tr. 9, Y	76	
Cold	15	35	1, C-1, 2, C-4	Tr. 12, C-10, C-12, E-12, A,	77	T-11, TH-11
to				L-10, L-12		
Hot	17	32	3X, 3	575, B, Z, Z-1	78S	
18mm.	21	49-T	5 Com. 5M, 16, R3, R7	G-4 $\frac{1}{2}$	83	
Types	23	48	18, 6-M	G-5	84	
Cold	25	45	7	G-8, D-8	85	B-7
to	26	44	15, 15 Spec.	H-9, J-9	86, 86S	B-9
Hot	28	43	C-7, 8, 10	G-10, G-11, D-10	87S	B-11
14mm.	35	HC-42	J-8, J-9	K-5	44	A-5
Types						
Cold	37	55	J-7, J-7S, H-10	K-7, S-7, KL-7	45	A-7, AL-7
to						
Hot	38	53	J-5, J-5C, J-6	K-9, S-9, KL-9	46	A-9, AL-9
$1\frac{1}{2}$ "	7	14	X, 31	1075, Q, F	26-28	F-11
Types						



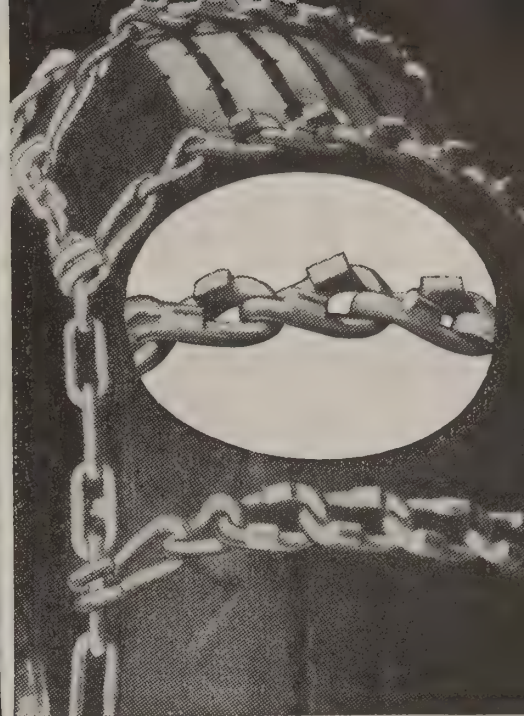
UTILITY

Woven Side Chains, case hardened cross chains.



REGULAR

Welded Side Chains, more and heavier case hardened cross chains.



LUG-REINFORCED

Welded Side Chains, case hardened lug-reinforced cross chains for longer mileage.

UNICO TIRE CHAINS

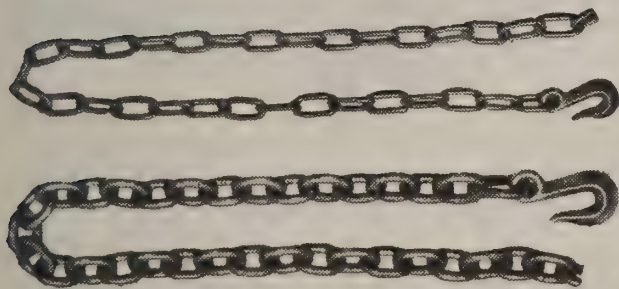
**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

PASSENGER CARS			
Sizes	Utility Per Pair	Regular Per Pair	Lug-Rein- forced Per Pair
4.75x19	\$ 2.40	Not	Not
5.50x17	2.50	Available	Available
6.00x16	2.55	\$4.65	\$5.40

See your G L.F. Service Agency for other sizes, cross chains, emergency chains, etc.

TRUCKS		
Sizes	Regular Per Pair	Lug-Rein- forced Per Pair
Single Pneumatic		
30x5, 6.00x20	\$ 5.70	Not
32x6, 6.50x20	6.80	Available
Dual Pneumatic		
32x6, 6.50x20	11.50	18.55
7.50x20	16.25	20.40

TOW and LOG CHAINS



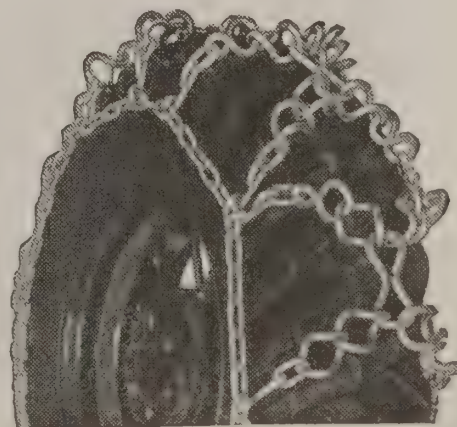
Sizes	Breaking Strength	Cost
Tow Chains		
1/4" x 10'	4000 lbs.	\$1.00 ea.
9/32" x 15'	5000 lbs.	1.50 ea.
Log Chains		
3/8" x 14'	7500 lbs.	3.50 ea.

TRACTOR CHAINS Self Cleaning

Provide continuous traction and extra wear, from the extra large, case hardened, X-type cross chains. Self-cleaning. The new style, large links prevent mud clinging and loss of traction. Electric welded side chains.

Tractor chains are shipped from factory only—not stocked at G.L.F. Service Agencies. Delivered in about two weeks.

Size	Retail Delivered	Size	Retail Delivered
6.00x22	\$17.30	10.50x36	\$32.05
7.50x16	16.55	11.25x24	25.00
7.50x18	16.90	11.25x28	27.80
7.50x24	19.45	11.25x32	28.40
7.50x36	27.35	11.25x36	33.65
8.25x36	28.40	11.25x42	39.25
8.25x40	30.25	12.75x24	30.05
9.00x24	24.15	12.75x28	30.60
9.00x28	25.00	12.75x32	33.50
9.00x36	28.40	13.50x24	30.25
9.00x40	33.65	13.50x28	33.65
10.00x28	27.70	13.50x32	37.45
10.00x36	32.05		



POULTRY EQUIPMENT



UNICO POULTRY EQUIPMENT IS BUILT TO FIT FARM SPECIFICATIONS

● Each item in the Unico line has been carefully selected for the good results it makes possible, the thoroughgoing quality construction of every part, and its design leadership from the viewpoints of service, economy, rugged strength and convenience of operation.

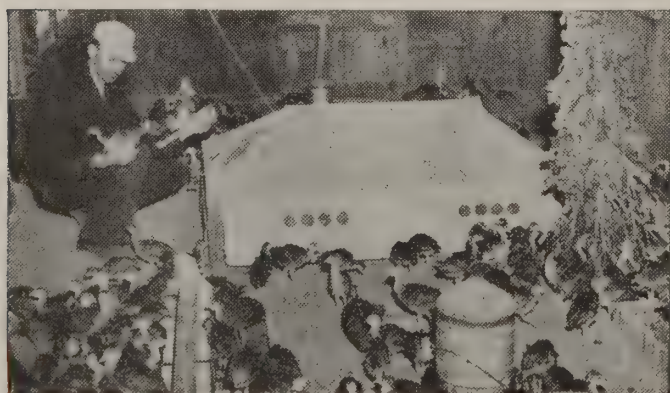
ELECTRIC BROODING

**Economical and Labor
Saving**

Outstanding features of Unico Electric Brooders include low current consumption, thanks to full $\frac{5}{8}$ " Celotex insulation. Expanding sides—the brooder grows with the chicks. Careful ventilation. Temperature control is automatic and positive.

Brooder includes attraction and signal lights, adjustable sides and legs, detachable curtain and 8 ft. of rubber covered drop cord.

Underside of hover contains 2 attraction lights, fan for positive ventilation (optional), and two bar heating elements. The low ceiling roof confines heat to chick level.



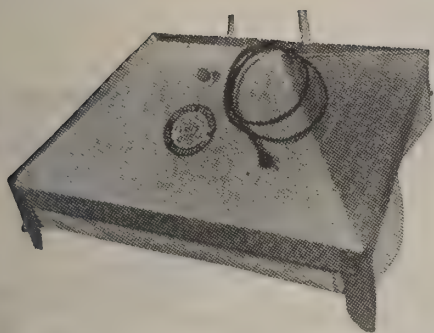
Good for Turkeys, too!

C. E. 1872—Provides 2,496 square inches of brooding area. This size commonly offered for 300 chicks—we recommend 200 to 250. Elements rated at 800 watts. \$21.50

C. E. 2772—Provides 3,564 square inches of brooding area. This size commonly offered for 500 chicks—we recommend 300 to 400. Elements rated at 1,000 watts. \$27.00

Good practice calls for 7 square inches per chick up to 1 week and 10 square inches per chick when 3 weeks old or over.

Both units can be furnished with fan for positive forced air ventilation.
Fan for 60 cycle \$4.00. Fan for 25 cycle \$4.95

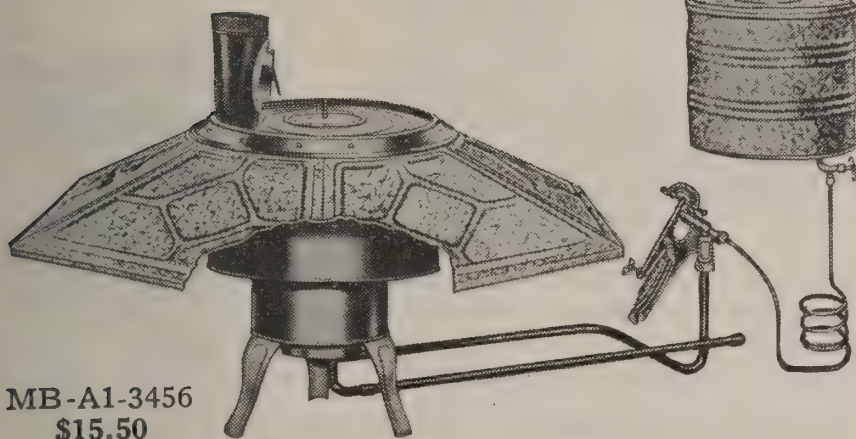


JUNIOR ELECTRIC BROODERS

A fine brooder for small flocks. It is similar to the larger models. 1,216 square inches of brooding area—ample for flocks of 100 to 150. Rated for 115 volts, A. C.

C. E. 1216-A—Automatic type, 400 watts.....\$8.75

OIL BROODERS



MB-A1-3456
\$15.50

Constructed with these advanced features: 8-gallon fuel tank. Perfected automatic control valve—shown above. Fuel tank stand. Sediment bulb. Automatic draft equalizer. Overflow pipe, couplings and tilting canopy.

Specifications

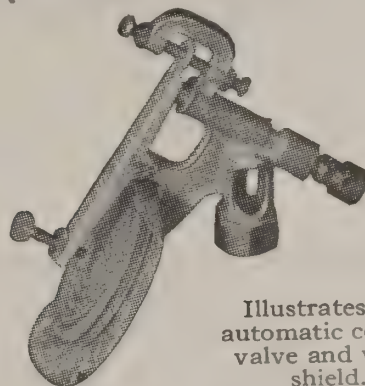
No.	Drum Size	Canopy	Chick Capacity	Price
MB-A1-3456	24"x10"	56"	1,000 day-old	\$15.50
MB-A1-3463	24"x10"	63"	1,400 day-old	16.95

A similar brooder for small flock owners. A real value in a small brooder.

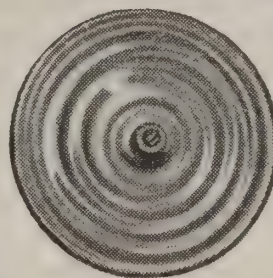
Specifications

No.	Drum Size	Canopy	Chick Capacity	Price
MB-A9-1645	21"x8½"	45"	500 day-old	\$13.35

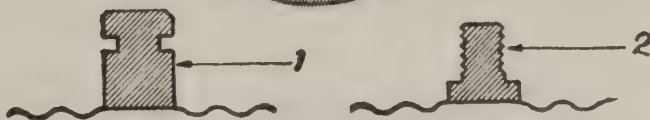
Chick capacities shown in Specification tables are customary manufacturers' ratings. We do not recommend brooders with canopies less than 55 inches diameter for more than 275 day-old chicks. Larger canopies will handle 350 chicks.



Illustrates the automatic control valve and wafer shield.



CHORE BOY
WAFER
THERMO-
STAT



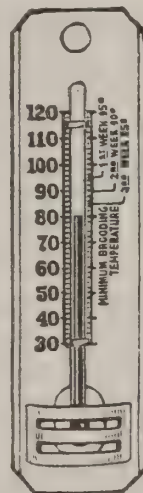
Chore-Boy all brass wafer thermostats may be had for any brooder or incubator. They are quick-acting, sensitive and long-lived.

No. 33-34—UNIVERSAL POST (Removable screw provides for either post 1 or 2). 3 inch. Each.....25¢

No. 33-34B—UNIVERSAL POST (Removable screw provides for either post 1 or 2). 4 inch. Each.....40¢

BROODER HOUSE THERMOMETER

No. 127.....35¢



VITAPANE NEW GLASS SUBSTITUTE

Vitapane allows transmission of ultra-violet rays of over 60%, a very high percentage for glass substitutes. Its smooth, high gloss finish makes it difficult for dust to adhere. When necessary, it can be cleaned perfectly with one stroke of a damp cloth. Ask your G.L.F. agency for sample.



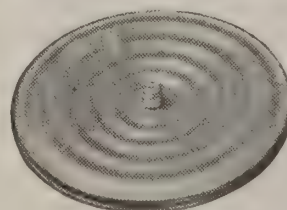
This successful poultryman has equipped with Vitapane.

50 FT. ROLL

36" Wide

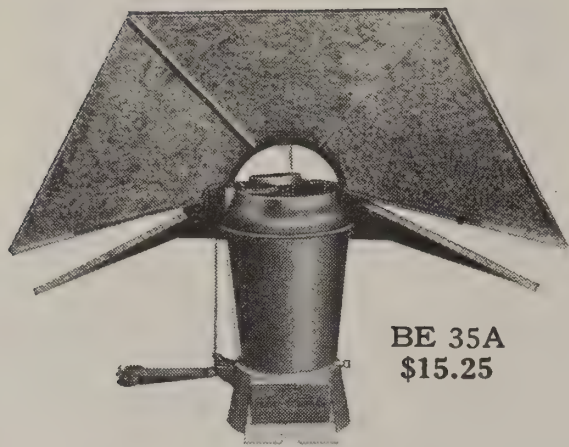
\$9.25

UNIVERSAL WAFER



MB-M7-630
25¢

Combines three wafers in one. Fits most coal, oil and gas brooders.



BE 35A
\$15.25

EFFICIENT COAL BROODER

Heavy weight brooder that has ample coal capacity for care-free operation.

Built rigidly from heavy castings and braced with long bolts to prevent warping.

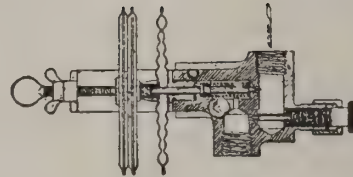
Grates extra large; non-clogging rocker type. Double wafer thermostats give positive temperature control. Heavy asbestos pad under base and ventilated bottom protects floor.

No.	Lbs. Coal Capacity	Specifications			Price
		Chick Capacity	Canopy Size	Grate Size	
BE 35A	40	500	57"	9 1/4"	\$15.25
BE 39A	60	1,000	62"	10 3/4"	18.25

COAL & GAS BROODERS



GAS BURNING BROODER



Automatic, simple and efficient design for economical brooding. Specially designed burner maintains lowest possible flame yet gives volume when needed. Manual shut-off valve standard equipment.

MODEL No. 156-A. Gas Burning Brooder. 56" canopy, height 16 1/4". 500 chick capacity.\$10.75

ROOF SADDLES AND PIPE



SMOKE PIPE FOR BROODER STOVES

No. 114. Steel Smoke Pipe, formed with a lock seam which is easily put together and securely fastened. Crimped on one end. All pipe is No. 28 gauge and 24" long.

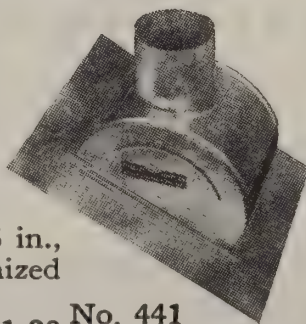
Galvanized, Size, 5 in.25¢

ADJUSTABLE ROOF SADDLE

Adjustable Roof Saddle for brooder stove pipe. Adjustable to any required angle from a flat roof to one-half pitch and locked rigidly in the desired position.

In two sizes, 4 in. and 5 in., made of heavy galvanized sheet steel.

No. 441. For 5-in. pipe \$1.20



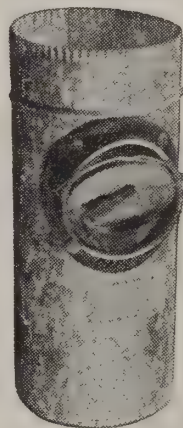
No. 441

ADJUSTABLE ELBOW



No. 115. Made of Galvanized sheet steel. Elbows are of No. 28 gauge metal. Adjustable to various angles. Size, 5 in.

Galvanized Adjustable Elbow25¢



DRAFT EQUALIZER

No. 457. Draft Equalizer for Oil or Coal burning brooders. Automatically maintains and regulates draft, regardless of wind or weather. Saves fuel. Prevents down draft.

One size only for 5 in. pipe 65¢

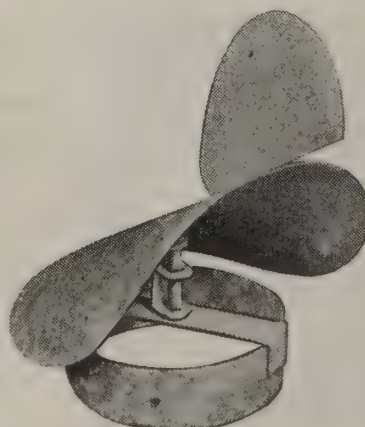
SMOKE PIPE TOP CAP

For brooder stove pipe. Galvanized steel. Keeps out rain and snow and improves draft. Easy to attach, no tools or bolts required.

No. 445. Size, 5 in. 30¢

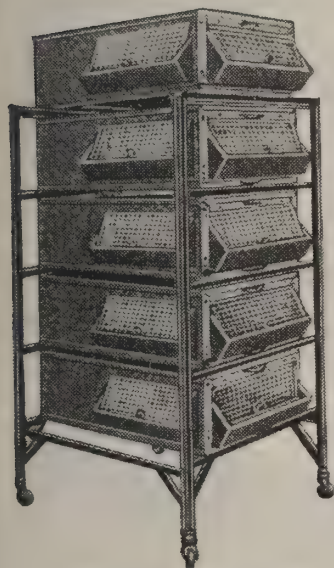


REVOLVING CHIMNEY CAP



No. 446. Revolving Cap, made of heavy galvanized steel. Helps to prevent down draft, increases the efficiency and improves the performance of any oil or coal brooder. For 5 in. pipe. Easy to attach.55¢

**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**
... And check for
possible price changes



HT 605—\$55.00
Five Units and Rack



Automatic ELECTRIC BATTERY BROODERS

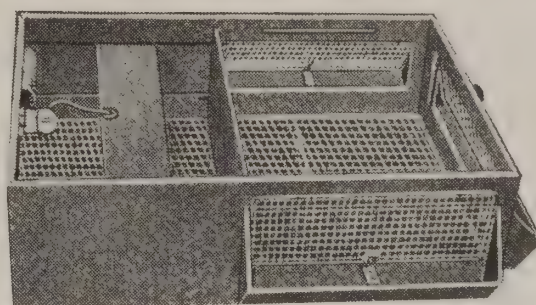
1. All metal construction.
2. Heated with bar elements.
3. Automatic independent heat control in each unit.
4. Hot tin dipped wire floor.
5. Floors and dropping pans removable.

High-grade all metal electric battery brooder for baby chicks up to four weeks old—sanitary, easy to clean and rigid.

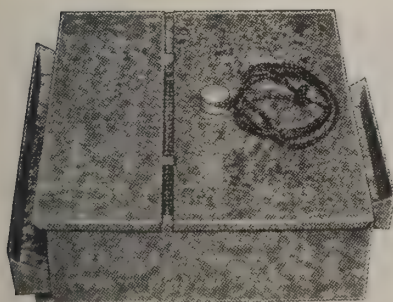
Regularly furnished for 110 volt A. C. Uses only about one kilowatt in 24 hours. Size of wire floor $22\frac{1}{2}'' \times 32\frac{1}{2}''$. Head room inside $9\frac{1}{2}''$. Starting capacity of each unit, 60 to 100 chicks. Rack of heavy steel construction with ball bearing casters. Floor space of rack $34'' \times 44''$.

Equipment List

No.	Description	Height	Price
HT 600	Single unit	11"	\$ 8.90
HT 602	Two units and rack	39"	26.00
HT 603	Three units and rack	52"	35.00
HT 604	Four units and rack	64"	46.00
HT 605	Five units and rack	75"	55.00
HT 608	Rack only for 2 or 3 units	39"	8.90
HT 609	Rack only for 4 or 5 units	64"	11.25



HT 600—\$8.90
Single Unit with Cover Removed



HT 620—\$2.80
Single Metal Box Unit

METAL BOX BROODERS

Stamped sheet metal battery brooder using electric cone heater or 60-watt bulb. Units are heavy galvanized steel 22" wide, 18" deep and 6" high, capacity 50 chicks per unit. Top, bottom and sides are galvanized sheet steel with galvanized wire mesh floor. Length of feed trough 22". Water trough 12". Troughs removable for easy cleaning. Porcelain lamp socket and rubber covered cord ready to plug in at

any light socket. Use any ordinary electric lamp or cone heater. (Lamps or cone not included.)

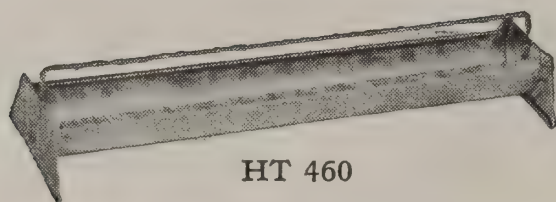
HT 621—Metal battery brooder (right) consisting of a steel rack and 6 brooder units. Starting capacity 300 chicks. Total height 50", width 25", depth 19" \$21.50

HT 622—Rack only \$5.25

HT 636—Electric cone heater. 60 watt, 60¢—100 watt, 65¢.



Low Cost, Good Value **CHICK FEEDERS**

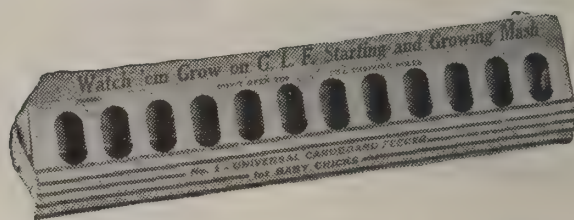


HT 460

POPULAR DIE-STAMPED FEEDER

A half-round galvanized steel trough 3" wide. Fitted with a heavy wire adjustable top guard.

No.	Length	Price
HT 460	18"	15¢
HT 462	30"	20¢



UNIVERSAL CARDBOARD FEEDER

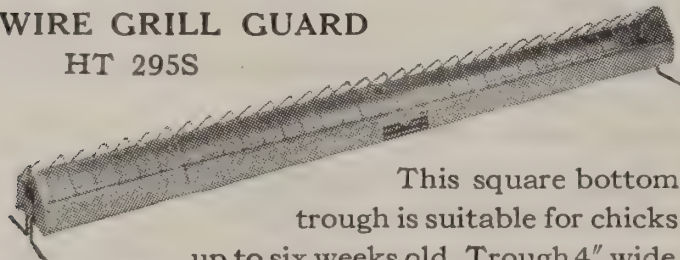
For new baby chicks, this feeder is sanitary, practical and economical. Guard against the spread of disease. Costing only a nickel, you can throw it away when it gets dirty.

5¢ Each

A fine selection of chick and broiler feeders. All of them are rigidly constructed of prime galvanized steel sheets. All have adjustable wire legs. One-piece, electrically welded, grill guards or 4-blade adjustable steel reel guards.

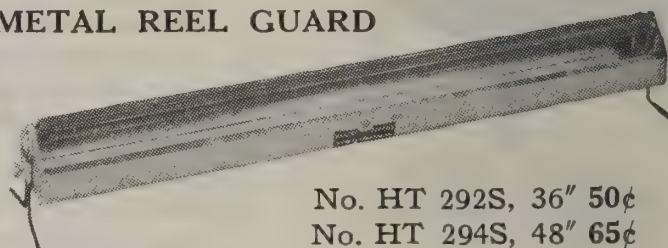
WIRE GRILL GUARD

HT 295S



This square bottom trough is suitable for chicks up to six weeks old. Trough 4" wide, 2" deep, 48" long.....75¢

METAL REEL GUARD



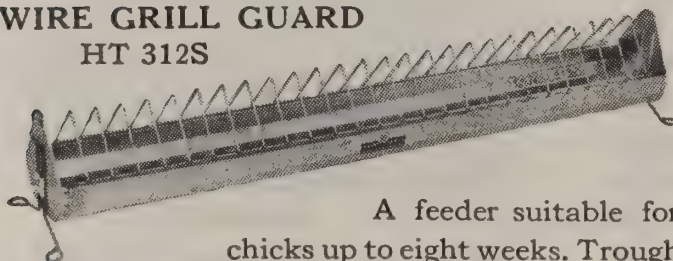
No. HT 292S, 36" 50¢

No. HT 294S, 48" 65¢

Large Capacity

WIRE GRILL GUARD

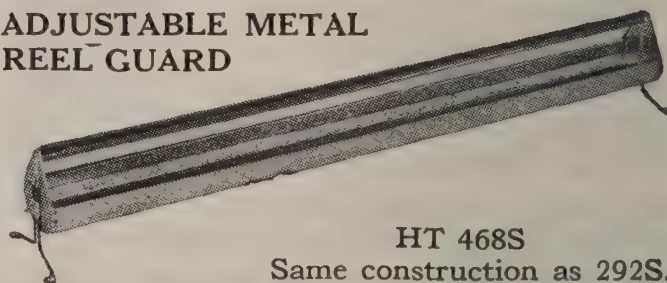
HT 312S



A feeder suitable for chicks up to eight weeks. Trough six sided, 4½" wide, 2¼" deep, 48" long...95¢

CHICK FEEDERS

ADJUSTABLE METAL REEL GUARD



HT 468S

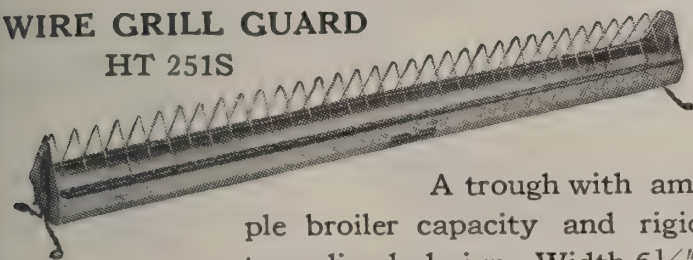
Same construction as 292S.

48" long75¢



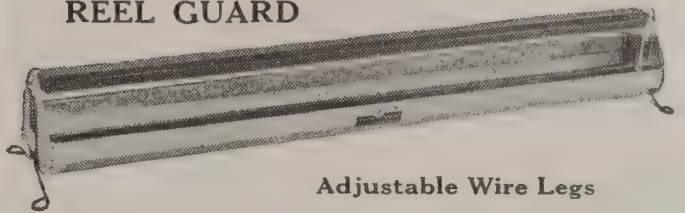
BROILER FEEDERS

WIRE GRILL GUARD HT 251S



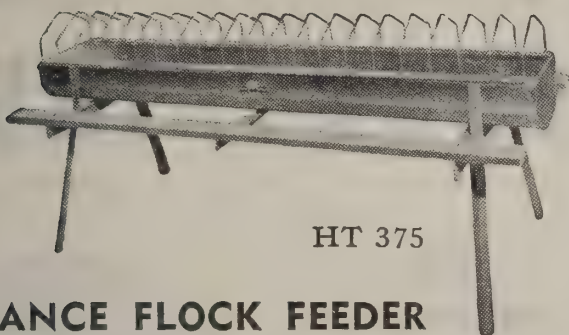
A trough with ample broiler capacity and rigid streamlined design. Width $6\frac{1}{2}$ ", depth 3". Total height, $6\frac{1}{4}$ ", 48" long.....\$1.25

ADJUSTABLE METAL REEL GUARD



Adjustable Wire Legs
HT 258S—Length 48".....\$1.20

FLOCK, WALL *and* RANGE FEEDERS



RELIANCE FLOCK FEEDER

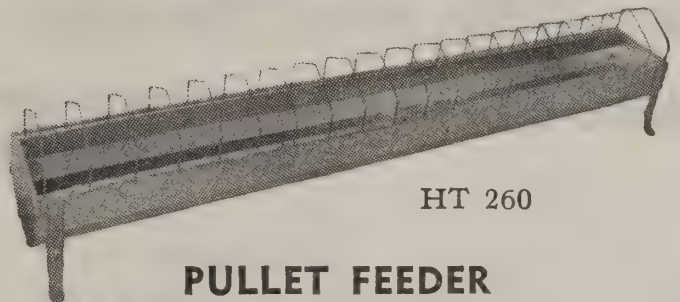
The Reliance Feeder is a large capacity flock feeder made of heavy high grade material. The trough is of 26 gauge prime galvanized steel, 10" wide, 5" deep, with wide flanges turned in to prevent waste of feed.

The roostproof wire guard is made of heavy No. 7 hard galvanized wire electrically welded in one unit—spacing 3". Hinged for convenient filling and cleaning.

Stand made from 16 gauge angle steel into a strong, rigid, non-tipping unit, painted attractively.

HT 375—Length 5'. Feeds 50 birds.....\$3.45

HT 378—Length 8'. Feeds 80 birds.....\$4.95



PULLET FEEDER

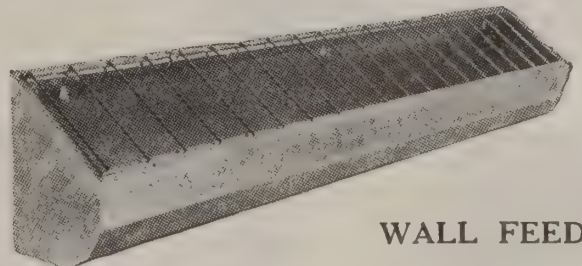
Adjustable legs are strong and substantial, 4" adjustment, held firmly in place with bolts and wing nuts.

HT 260—Length 5'.....\$2.00

MARVEL FLOCK FEEDER

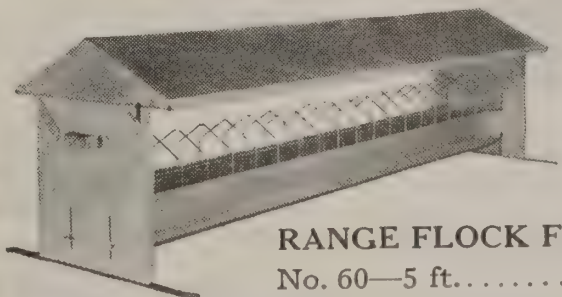
A galvanized steel trough 8" wide and 5" deep. The six-sided trough is easy to clean. Legs made from 16 gauge steel, well braced and spread wide to prevent tipping. Perch bars of non-warping genuine redwood, rounded edge, $16\frac{1}{2}$ " from floor. Wire grill electrically welded into one strong unit spacing 3" to prevent roosting. Hinged for convenient filling and cleaning. Same construction as No. 375.

HT 365—Length 5'. Feeds 50 birds.....\$3.10



WALL FEEDER

No. HT 748—Length 4'.....\$1.50
Saves space. Easy to fill. Easy to clean.



RANGE FLOCK FEEDER No. 60—5 ft.....\$5.45

Trough same construction as No. 375. Handy, tilting top. Makes it easy to fill and keeps out the rain.





A GOOD POULTRYMAN IS ALWAYS PARTICULAR ABOUT HIS **CHICK FOUNTAINS**

HT
277



BANNER DRINKING FOUNTAIN

This fountain has two metal clips that hold the body securely to the pan. It is made of prime Zinc-grip galvanized steel. The pan is die stamped 1½" deep.

No.	Capacity	Diameter of Pan	Price
HT 276	2 gal.	11"	85¢
HT 277	3 gal.	13"	\$1.05

GEM DRINKING FOUNTAIN

This snap-on fountain is made of prime galvanized steel. Equipped with non-roosting handle for carrying. The pan is 10" in diameter.



HT 159



No.	Capacity	Height	Price
HT 158	1 gal.	7½"	50¢
HT 159	2 gal.	12½"	65¢

LEADER FOUNTAIN

A popular low-priced bottom fill one gallon fountain. Made of prime galvanized steel.

Diameter of pan
8½" 30¢



HT 530

MASON JAR FOUNTAIN BASE

Round metal clip Mason jar fountain. The Glass dish is 5½" in diameter (less jar).

HT 151—Glass dish only
(Jar extra) 9¢



HT 151

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

DOUBLE WALL FLOCK FOUNTAINS



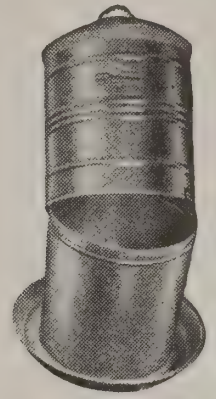
HT 285



Showing Inside Construction and Brass Spring Valve



HT 270



Showing Double Walls, Bayonet Lock and Method of Filling

MONARCH

Fountain is made from heavy 26 gauge prime galvanized steel sheets. This double wall fountain is braced inside with a strong carrying handle. Also has an outside carrying bail for convenience. A brass spring valve keeps water in inner container when filling.

The die-stamped, one-piece drinking pan is securely soldered to the water container. A "bayonet lock" is provided for fastening the outer section to the water container for moving. The "Monarch" is roostproof.

No.	Size	Diameter of Pan	Price
HT 283	3 gal.	13"	\$1.85
HT 285	5 gal.	15"	2.15



HT 406

GALVANIZED WIRE GUARD

Electrically welded wire steel cone top guard. Pans are extra as listed below under HT 482.

No.	Diam.	Height	Space	Price
HT 406—Hens	14½"	15"	2⅛"	40¢

GALVANIZED STEEL PANS

Galvanized steel pans 4" deep with smooth rolled rim.

HT 482—Pan diameter 14½".....65¢

CRESCENT

Made similar to the Monarch except of lighter material, and without spring valve and outside carrying bail.

The double walls and pan are made of 28 gauge prime galvanized steel.

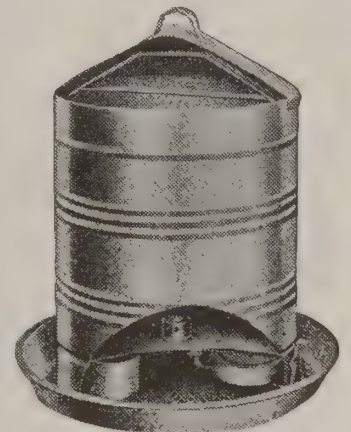
This high grade fountain is offered at attractive prices.

No.	Size	Diameter of Pan	Price
HT 268	2 gal.	12"	\$1.05
HT 269	3 gal.	13"	1.40
HT 270	5 gal.	15"	1.75

FLOAT TYPE FLOCK FOUNTAIN

An automatic valve float fountain made of prime heavy galvanized steel sheets and large die-stamped pan. A brass valve with copper float controls the water level in the drinking pan. Fine mesh screen keeps dirt from valve.

Handy lever permits locking valve to prevent leaking when filling and carrying.



HT 346

The fountain is filled by removing the roost-proof cone top cover.

No.	Size	Diameter Pan	Price
HT 345	5 gal.	17"	\$2.45
HT 346	8 gal.	17"	2.90
HT 347	10 gal.	17"	3.20

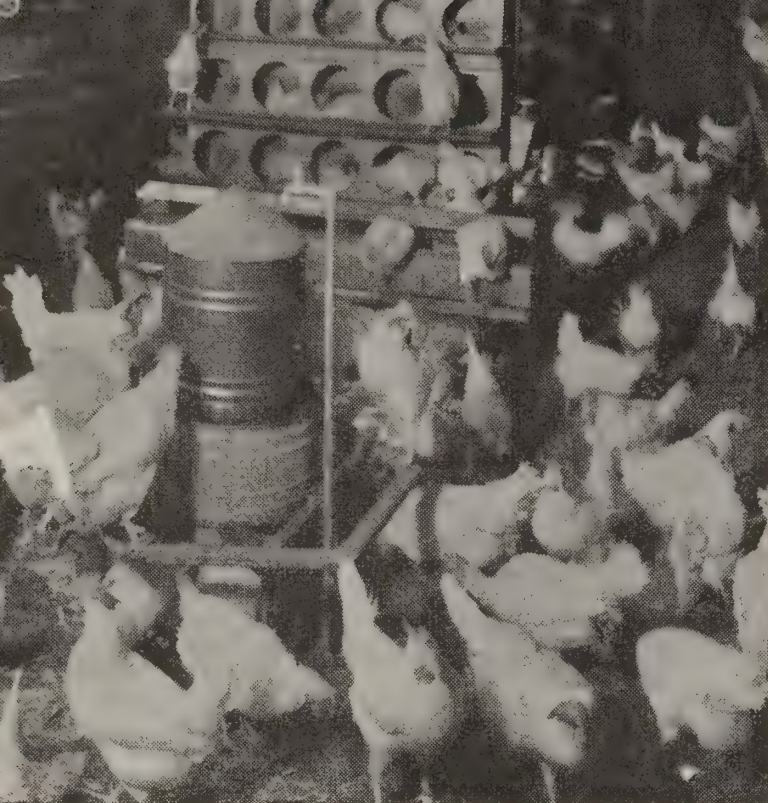
LARGE CAPACITY WIRE GUARD & PAN

Heavy, hot dipped, galvanized steel pan—4½" deep—with no rolled edges inside. Easy to clean. Strong wire guard, easily snaps on or off.



WG16
G5116

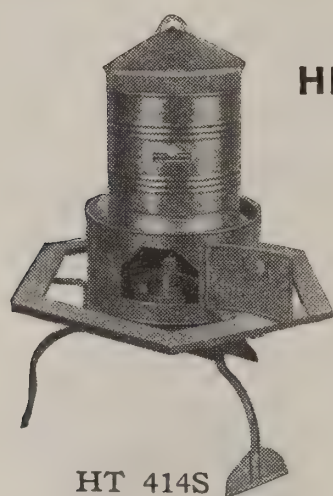
Wire Guard No. WG16—16½" Diameter... 40¢
Pan No. G5116—16½" Diameter... 65¢



Heated

FOUNTAINS

Keep up Winter Profits



HT 414S

FLOAT TYPE HEATED FOUNTAIN WITH STAND

Can be furnished with heater, either with or without stand. The heater is made of galvanized steel, with a hinged door and mica window. Heavy metal 1-quart bowl with No. 2 brass burner.

Pan has special hot air flue to increase the efficiency of the heater.

No. HT 288—Perch Stand only \$1.75

Fountain and Heater With Stand

HT 414S— 5 gal. \$6.05

HT 415S— 8 gal. 6.50

HT 416S—10 gal. 6.80



HT 423S or
HT 425S

MONARCH FOUNTAIN & HEATER WITH STAND

A stand and heater in combination with the above listed fountains are offered for keeping the water at an even temperature in cold weather.

Heater made of galvanized steel, with a hinged door and mica window. Heavy metal

bowl, 1 quart capacity, with No. 2 brass burner.

Stand made of heavy channel steel legs with genuine Redwood perch bars 14" from floor.

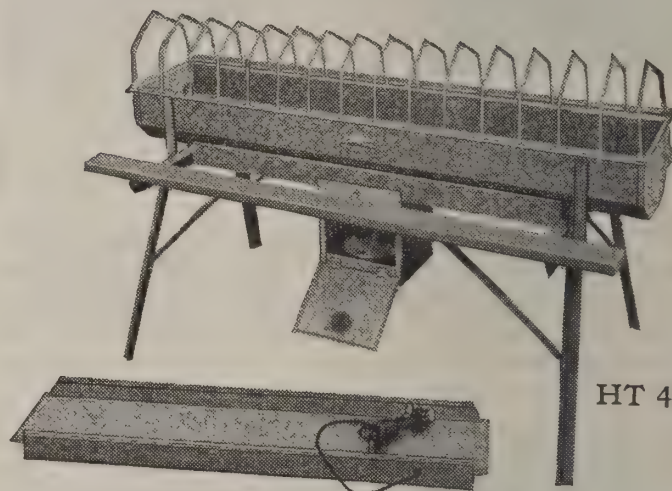
HT 288—Perch Stand only \$1.75

Monarch Fountain and Heater With Stand

HT 423S—5 gal. \$5.60

Crescent Fountain and Heater With Stand

HT 425S—5 gal. \$5.20



HT 490

UNIVERSAL HEATED TROUGH

A trough type fountain of the very highest quality. The large capacity trough is made of 26 gauge Galvanized Steel 48" long, 8" wide and 5" deep, with flanged edges turned out to catch the drippings. Plug with overflow outlet in bottom makes trough easy to drain and clean.

Stand is rigidly constructed of steel with painted wood perch bars 15" from the floor. Heavy wire perch-proof grill electrically welded in one unit, hinged for convenience in cleaning.

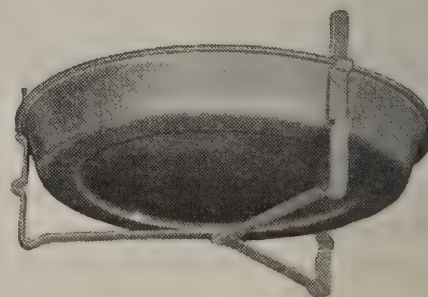
Furnished with oil or electric heater. The oil heater is enclosed in a metal housing complete with lamp bowl and a Size 2 (no chimney) burner. The electric heater is a 150-watt element.

HT 490—With Oil Heater \$6.25

HT 491—Without Heater 4.25

HT 492—With Electric Heat, 150 watts 6.25

HT 333



FOUNTAIN TRIPOD

A practical fountain stand with three adjustments. Will fold into compact unit.

Tripods only—HT 332—For 13" Pan 18¢

HT 333—For 15" Pan 20¢

FOUNTAIN HEATERS **G.L.F.**

OIL HEATER BASES

Kerosene Heaters, for use with almost any type of fountain. Made of galvanized steel with a hinged door and secure fastener. Mica window. Heavy metal bowl, and brass "no chimney" burner.

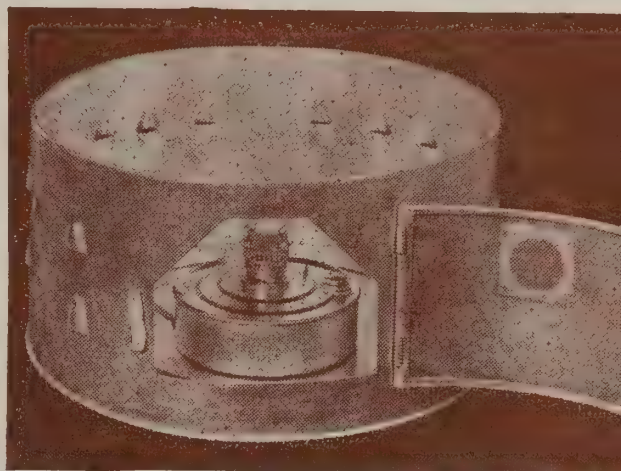
Same heater base as shown in picture HT 427 is available equipped with bar type electric heating element instead of oil burner.

HT 428—Heater. Diameter 15", height 9", open top, for any fountain with 15" pan. With No. HT 101 Bowl and size 2 Burner.....\$1.70

HT 427—Heater. Diameter 17", height 8¾", open top, for any fountain with 17" pan. With No. HT 101 Bowl and size 2 Burner.....\$1.85

HT 427-E—Same dimensions as 427 but equipped with electric heating element.....\$2.35

HT 428-E—Same dimensions as 428 but equipped with electric heating element.....\$2.35



HT 427

AUTOMATIC ELECTRIC IMMERSION WATER HEATERS

← UNICO TYPE

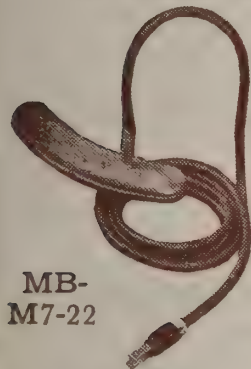
TRUMBULL TYPE →

These long type warmers are designed for use on most 5, 8, 10 and 12 gallon fountains as well as any open watering troughs.

The heavily insulated element is automatically controlled to maintain an average water temperature of approximately 55 degrees. Rated at 200 watts for 110 volt circuit. Recommended for use in fountains up to 12 gallon capacity.

Unico No. MB-M7-22 \$2.75

Trumbull Type \$2.90



MB-M7-22



POLISHED ALUMINUM BANDS

HT 130—Aluminum Adjustable Bands. Made of bright, flexible aluminum with large raised or embossed figures. Length 3½". Will fit any fowl. Easy to apply. Numbered 1 to 50—1 to 100—101 to 200, etc. 100 for.....60¢



SUPREME EGG BASKET

Scientifically constructed in practically a single unit by 190 individual electrical welds. It will not check or break eggs because it is shaped right, strong and rigid. One-piece extension base prevents tipping. Open construction allows free circulation of air from the bottom. Handle securely fastened on upper rim of basket.

Cap. 15 doz. 24 oz. eggs. RS 355...70¢

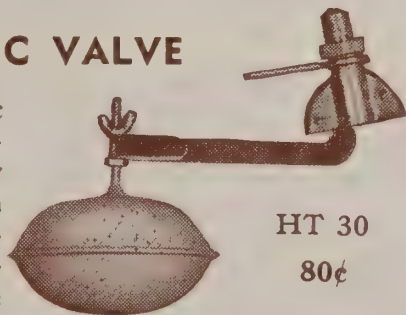


AUTOMATIC VALVE

This Automatic Valve will regulate the water flow to a drinking pan or trough. The accurately machined valve is made entirely of brass so it cannot rust or clog up; the float is made of heavy copper.

Operates perfectly on either high or low water pressure. Valve threaded for ¼" iron pipe.

A wire hook holds up the float for cleaning, shutting off the water. HT 30.....80¢



HT 30
80¢

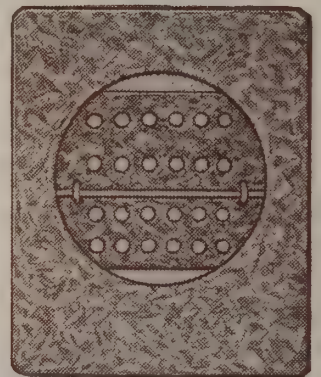
GRIT AND SHELL BOX

A heavy galvanized steel grit box. Made with three compartments. Height 13", width 8½". Large enough to accommodate a large flock.

HT 9.....70¢



All-Metal NESTS



HT 518

TRAP NEST FRONT AND TRAP

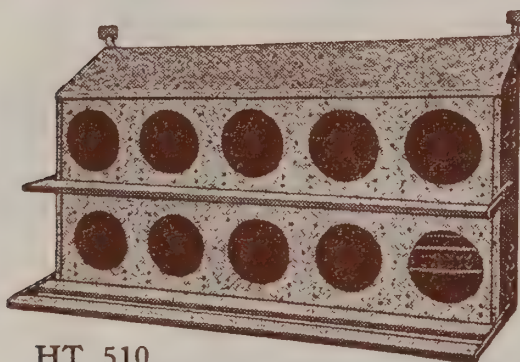
Self-locking trap nest front. Simple and positive in action. Door, hinged in center, folds up, leaving hole partly open, trips and closes when hen enters. When trap is sprung it remains locked.

When not in use, folding door is held up by simple fastener.

Size of front $14\frac{1}{2}$ " high, 12" wide. Diameter of hole $8\frac{1}{2}$ ". Suitable for steel or wood nest.

HT 518—Trap nest front and trap complete.....45¢

HT 516—Trap only.....35¢



HT 510

Size of each nest $11\frac{1}{2}$ " wide, $13\frac{1}{2}$ " high, $14\frac{1}{2}$ " deep. Size of opening $9\frac{1}{4}$ " with smooth rolled edges. Total length of each 5-nest section is 4' 10".

No.	No. of Nests	Style	Height Front	Height Back	Price
HT 506	6	Open	$13\frac{1}{2}$ "	$19\frac{1}{2}$ "	\$5.15
HT 507	6	Closed	$13\frac{1}{2}$ "	$19\frac{1}{2}$ "	5.50
HT 512	10	Open	27 "	33 "	6.85
HT 513	10	Closed	27 "	33 "	8.10
HT 514	15	Open	$40\frac{1}{2}$ "	$46\frac{1}{2}$ "	9.35
HT 515	15	Closed	$40\frac{1}{2}$ "	$46\frac{1}{2}$ "	11.15

FOR SANITATION AND CLEANLINESS USE METAL NESTS

Made of 26 gauge galvanized steel with straight grained redwood perch bars. Furnished in 6, 10 and 15-nest combinations with open or closed backs. The steep pitched roof makes it roost proof. The perch bars are hinged so they can be folded up to close the nests.

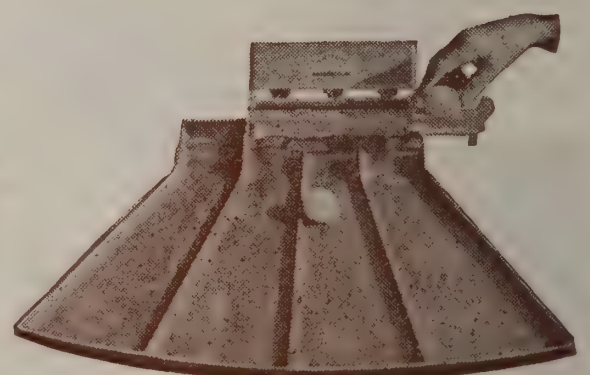
The perch bars are supported by strong, rigid arms. Each unit is fitted with steel hangers to fasten the nest to the wall.

Ample ventilation is insured by perforated ends and partitions.

Easy Handling EGG GRADING SCALE

PERFECTION EGG GRADER

For the quick, easy grading of eggs in quantities. Recommended for the larger user. Rubber runways prevent breakage. Grades eggs as fast as you can handle them.....\$12.00



PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY
... And check for
possible price changes

ZENITH EGG GRADING SCALE



A convenient egg grading scale of rigid construction and few parts. It is of simple design and fast and quiet in operation. The graduations vary by half ounces from 18 to 30 ounces per dozen \$2.75

JIFFY-WAY EGG SCALE

HT 306—Grading Scale with colored zone dial, which instantly shows the correct weight and grade. Made of heavy steel, baked enamel finish, strong and durable. Accurately balanced without the use of springs. A speedy, automatic, dependable scale . . . \$1.45



EGG CARTONS



MOLDED EGG CARTONS—The carry-safe molded carton is fibre-cast in one piece—gives eggs real, resilient protection. No fillers and the cartons nest one above another. They make a good display—and their cost is low.

With Metal Clips \$7.75 Per Thousand

Without Clips \$7.50 Per Thousand or $\frac{3}{4}$ ¢ Per Carton.

HAWK 2 x 6 grey egg carton with Dubl-Cushion features.

Per thousand \$6.25

EAGLE 3 x 4 grey egg carton; convenient and economical.

Per thousand \$6.00



EGG RECORD CHART

Convenient egg record chart. Six months' complete record on each side; one card for entire year's record. Know what your flock is producing for efficient culling. Each . . 4¢



G.L.F. PREMIUM MAKER

\$9.10

Without Pails

**Cools eggs without
loss of moisture.**

95% of all eggs grade Fancy when laid. If you can maintain that quality, the eggs will bring top prices on the market.

To help poultrymen maintain the quality of their eggs, G.L.F. has developed a humidifier and cooler that is extremely simple, costs little to operate, and gives surprisingly good results.

It is called the G.L.F. Premium Maker because careful studies have shown that proper handling increases the retail value of eggs.

HOW TO OPERATE

Lift the cover and saturate the burlap baffle

plates and sand at the bottom of the cooler with an ordinary sprinkling can.

Eggs are gathered in galvanized pails with wire bottoms. Place the pails on the openings. Turn on the fan for 45 minutes which forces cool air through the moist baffle plates and maintains a relative humidity of 85%—high enough to prevent the eggs losing moisture or developing mottled shells.

The G.L.F. Premium Maker is built of 26-gauge steel and is equipped with a high quality fan. Special mesh bottom pails are available at your G.L.F. Service Agency at 75¢ each.



VITAMIN A AND D FEEDING OILS

“NOPCO XX”* FORTIFIED COD LIVER OIL

Guaranteed to contain 400 Vitamin D units and 3000 Vitamin A units per gram.

Popular leader among vitamin-bearing oils for poultry and animal feeding. Economical—dependable—always fresh and uniform in quality.

413 lb. drum, per lb.....	47¢
230 lb. drum, per lb.....	48¢
115 lb. drum, per lb.....	49¢
38 lb. drum, per lb.....	50¢
5 lb. can, per lb.....	55¢
2 lb. can....	\$1.20

“NOPCO 400”* VITAMIN A & D FEEDING OIL

A feeding oil for poultry and animals—subject to the same high standards of manufacture and testing as “Nopco XX”—made for those who want a dependable source of Vitamins A and D—in a carrier which costs less than genuine cod liver oil. Guaranteed to contain 400 Vitamin D units and 2000 Vitamin A units per gram.

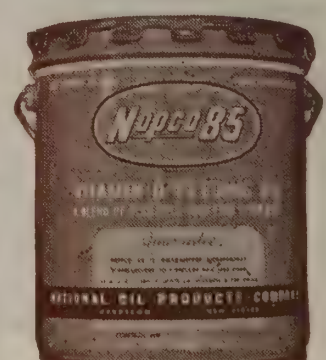
410 lb. drum, per lb.....	41¢
230 lb. drum, per lb.....	42¢

*Trademarks of National Oil Products Company

“NOPCO 85”* VITAMIN D FEEDING OIL

A feeding oil of quality for use where bulk is desired at a lower cost than regular cod liver oil. Guaranteed biologically standardized to contain 85 A.O.A.C. Vitamin D units per gram. Vitamin A content, appreciable but not standardized.

410 lb. drum, per lb... 14¢
230 lb. drum, per lb... 15¢
38 lb. drum, per lb... 17¢



TRUNK MODEL



3 Cu. Ft.
\$125.00

6 Cu. Ft.
\$210.00

A small size model that operates at zero. It contains a combination freezing and storage compartment. Four inches of insulation sealed with Hydrolene.

BARREL MODELS



Single Barrel
4½ Cu. Ft.
\$225.00

Double Barrel
9 Cu. Ft.
\$365.00

A practical unit for the small home. Built with single barrel, as illustrated, or in a double barrel model for larger capacity. Four inches of insulation. Operates from zero to 20° below.

QUICK FREEZING STORAGE CABINETS

Fresh Meat, Fruit and Vegetables Every Day!

These quick-freezing storage cabinets make it possible to have fresh meat in the summer and fresh vegetables and fruit in the winter.

They make an easy and fast way to preserve supplies of beef, pork, berries and vegetables and permit the kind of fresh foods so vitally needed by those who have hard outdoor labor to do. Poultrymen use them to freeze and store from 10 to 200 dressed poultry at a time, selling them off as the occasion

arises. The idea has also progressed to the point where there is a choice of types, models and sizes to meet all farm requirements.

In figuring capacities, a cubic foot will hold from 25 to 40 pounds of vegetables, or 35 pounds of berries, or 35 pounds of poultry or game, or 40 to 50 pounds of beef, pork or lamb.

None of these units are expensive to operate, since they are not opened as frequently as a household refrigerator.



CABINET MODELS

8 Cu. Ft. \$275.00

18 Cu. Ft. \$375.00

26 Cu. Ft. \$475.00

In these cabinet models, the foods are quickly frozen in a sub zero freezing compartment and then transferred to a zero storage compartment where they can be kept for future use.

The model shown here is the 18 cu. ft. unit

with three compartments. The 8 cu. ft. size has one compartment while the large, 26 cu. ft. unit has four compartments. Insulated with 5" of genuine corkboard on sides and bottom and 4" on the cover.



SPRAYERS *and* DUSTERS

Sprayers and Dusters of the latest approved design, convenient to use and built rugged for service and long life.

All galvanized compressed air sprayers are electrically welded into one strong tank and dipped in molten zinc after forming; the heads are safe and have ample room for filling and cleaning.



CONTINUOUS SPRAYERS

No. 335 1 qt. Brass and Copper Atomizer.....\$1.50

The sturdy construction of this continuous sprayer assures years of perfect service. It is equipped with a copper pump cap and pump end and the pump cylinder is made of seamless brass tubing. An all direction universal nozzle facilitates effective operation at any angle. Non-tippable design. Large screw lock for secure fastening.



No. 26F 3 qt. Galvanized Atomizer.....\$1.15

This is a handy sprayer for spraying cattle and general purpose spraying. The valve in this sprayer is readily removable and can be easily cleaned by taking out the plug on top of the pump cylinder. This is an outstanding advantage over most other sprayers of this type.



No. 315, 1 qt. Tin Atomizer.....75¢

This sprayer has all of the features of the No. 335 except that it is made of tin instead of brass and copper.



SINGLE ACTING SPRAYERS

No. 18G 5 oz. Glass Jar Atomizer.....15¢

This sprayer is recommended for occasional spraying about the house. It throws a good spray but is not recommended where considerable spraying is necessary.

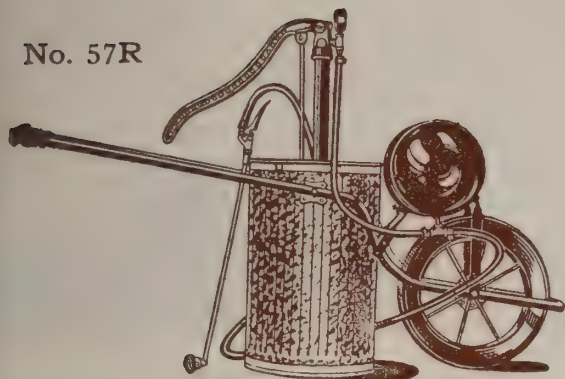


No. 14, 1 qt. Tin Atomizer.....30¢

An economical, sturdy atomizer.

COMPRESSED AIR *and* WHEELBARROW Sprayers

No. 57R



16 GALLON WHEELBARROW SPRAYER

With pressure storage tank complete. **\$26.50**

The 5 gallon pressure storage tank makes this a one-man outfit. Excellent for orchards, greenhouses, fields, etc. Equipment includes 1¼" rubber tired wheel. Frame of 1" steel tubing with handles 33" long. Tank capacity, 16 gallons. Pump has a steel tubing air chamber with brass valves and brass pump cylinder equipped with 12½ ft. of high-pressure hose, 32" pipe extension, fine spray nozzle, pressure gauge, agitator.

NO. 4 D OPEN HEAD GALVANIZED SPRAYER

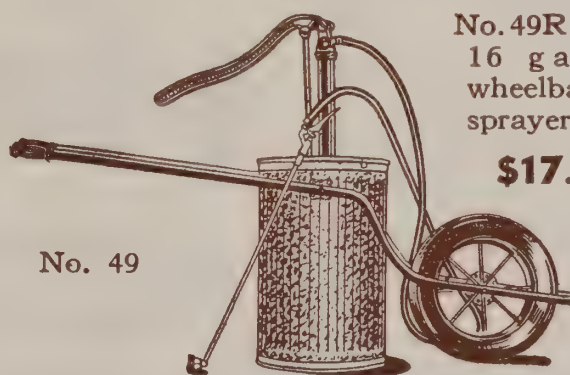
4 gallon capacity
\$5.15

Double acting pump lock provides quick, easy, safe locking. Cap cannot be moved into unlocking position until pressure is released. The heavy brass cylinder pump is 2" in diameter and 14" long, fitted with removable all metal one-piece brass valve. Five-inch tank opening provides room for filling and cleaning. Rubber double grip pump handle. Strong, double width carrying strap, easily snapped on and adjustable. All brass swivel coupling, non-clog screen nozzle, 24" seamless brass extension equipped with hold open shut-off. High pressure ¾" spray hose, 22" long.



No. 49R Unico
16 gallon
wheelbarrow
sprayer.

\$17.25



No. 49

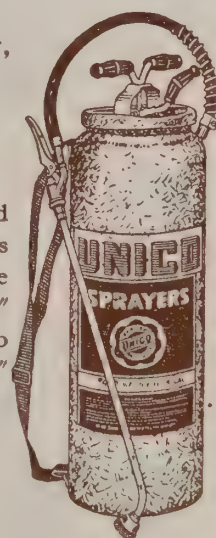
Same as No. 57 but does not have a pressure tank.

Champ Open Head Sprayer,

3¾ gallons capacity

\$4.20

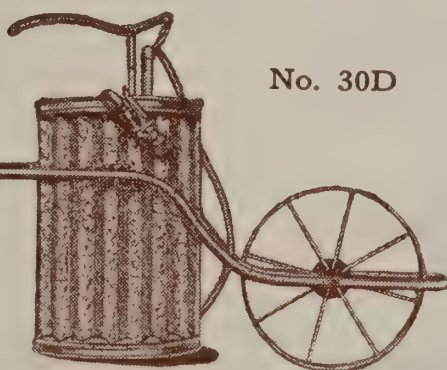
A dependable hot-dip galvanized steel sprayer. Open head. Tank has 5" diameter opening, 1" adjustable carrying strap, 22" hose, and 24" extension with angle fitting. Pump cylinder is 2" in diameter and 12" long.



No. 30D Unico 12 gallon
wheelbarrow sprayer
\$10.25

No. 30D

A sturdy machine with a 12-gal. galvanized steel tank in frame of 1" steel tubing. Wheel is 17" diameter with a 2½" tread. Equipped with 8 ft. of ¾" 5-ply high pressure hose, automatic shut-off with hold-open feature and fine spray, brass screen nozzle

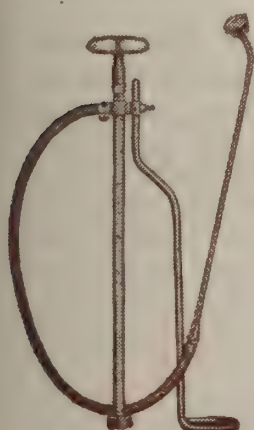


BUCKET PUMP

A powerful, double action, brass pressure pump. Maintains 200 pounds pressure with little effort. Brass ball valves. Strainer screen facilitates handling most liquids.

No. 6

\$3.25



No. 350D Funnel Top
Sprayer, 3½ gallons
capacity

\$2.95

Designed to give satisfactory service for the small user at low cost. The pump is a seamless brass shell 1¾" diameter with a spring leather valve, a ¾" hose made from 5-ply material 20" long and a 1" web carrying strap.





DUSTERS

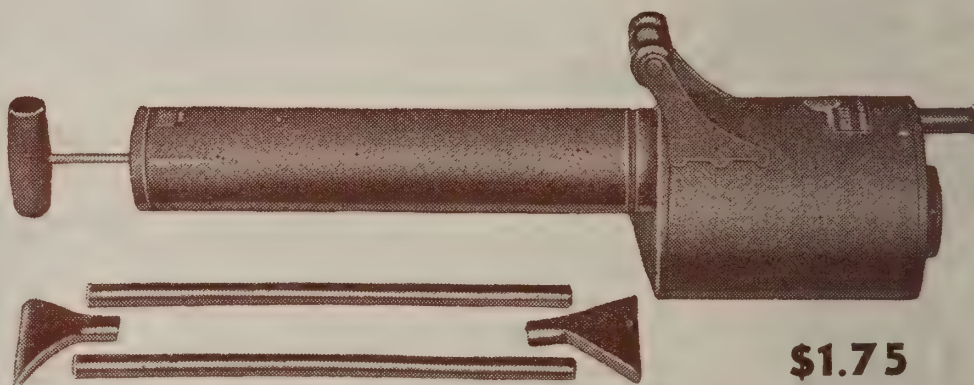
Easy Working HAND DUSTERS



Model H Duster in use.

MODEL D 2 qt. Piston Type Duster..... \$1.75

A 2 qt. duster for small gardens. Made from 135 lb. tin plate and 26 gauge turned plate to insure long service. The 50" overall length makes it possible to dust while standing upright. Body of duster is 23" long with two 12" extension tubes. Equipped with one curved spreader for dusting the under surface of leaves and one straight spreader for general use.

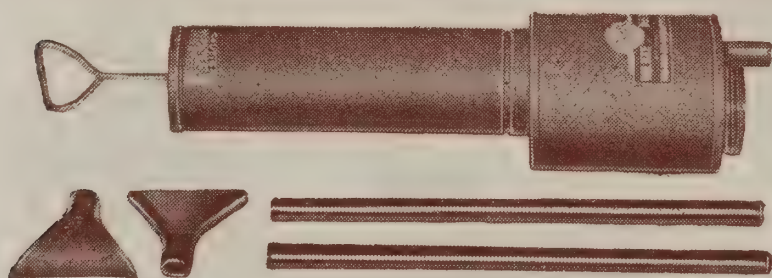


\$1.75

Air chamber $2\frac{7}{8}$ " dia., piston stroke $10\frac{1}{4}$ ". The 2 qt. hopper is fitted with a large screw cap filler opening, for easy filling.

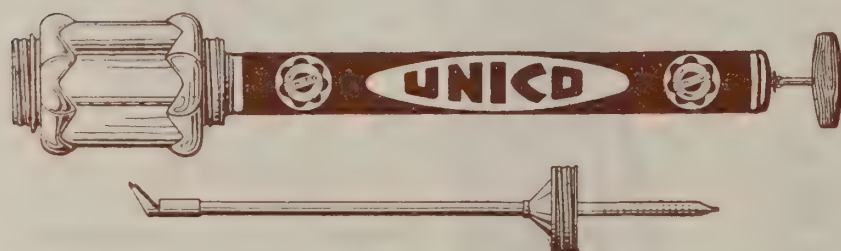
MODEL F 1 qt. Piston Type Duster.

A one quart duster with the same general features of construction as the Model D. The body of the duster is $17\frac{1}{2}$ " long, piston stroke is $6\frac{1}{2}$ " and the air chamber $2\frac{7}{8}$ "..... 90¢



Model BX 1 pt. Piston Type Duster.

A very serviceable small capacity low cost duster. The $16\frac{1}{2}$ " body is made from the same high grade materials as the larger models. A 5" piston stroke is provided and the regular $2\frac{7}{8}$ " air chamber..... 55¢

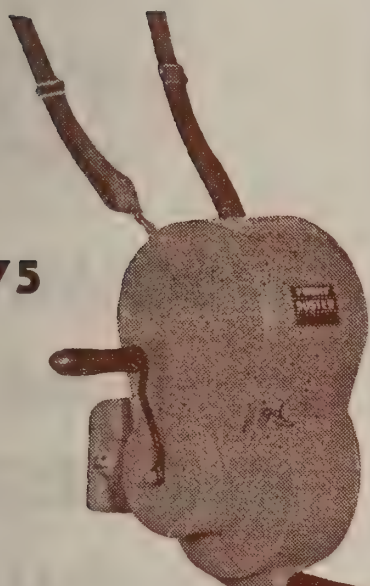


CRYSTAL DUSTER. Forty inches long—enables operator to dust under leaves without stooping over. Visible glass jar shows when dust needs replenishing or agitation. Angle nozzle permits dusting both upper and under-side of leaves. Removable nozzle permits straight jet. Sealed valve chamber supports agitator tube which extends length of jar. Large pump ($1\frac{3}{4}$ " x 18") permits large blast of air. Jar fills at either end.... \$1.10

**PURCHASE THROUGH YOUR
G. L. F. SERVICE AGENCY**
... And check for
possible price changes

FAN TYPE HAND DUSTER

\$10.75

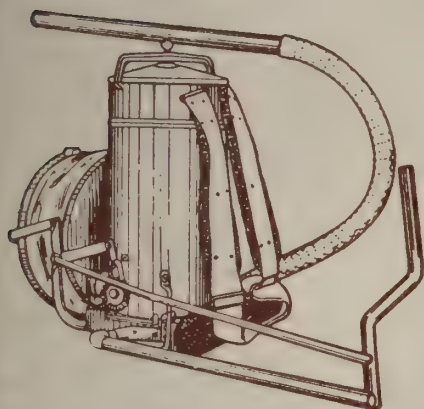


A hand duster that is efficient, reliable, easy to operate, and provides protection for small acreages where wheel dusters are not justified. Will dust an acre of potatoes in 45 to 60 minutes.

Constructed from 20 and 26 gauge material into a strong, rigid unit. The design eliminates unnecessary parts and at the same time makes it easy and simple to operate.

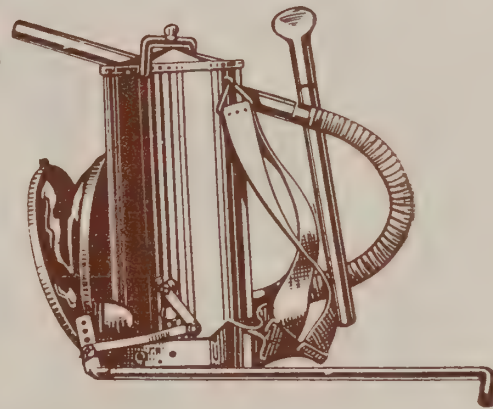
The feed mechanism is simple but positive. Dust is mechanically forced from the feed hopper into the fan case through a series of regulated slots.

Model H—Fan Type Hand Duster. Hopper capacity 5 to 7 lbs.



SPOT DUSTERS

\$22.50



\$17.50

AMERICAN BEAUTY DUSTER

This duster is carried on the back like a knapsack and operated by one man. Large bellows with special power-compounding handle produces a powerful blast and large cloud of dust. Cloud is adjustable instantly from zero to any amount of dust the air-blast will carry. Entire top of machine lifts off for easy emptying, cleaning, refilling, or repairing. Straps and back rest are equipped with heavy felt pads. Equipment includes 30-inch flexible hose, reinforced with spring-steel wire wrapping, two 18-inch extension pipes to reach ground without stooping, and deflector to deflect dust up under leaves. Hopper capacity: 15 lbs.

CALIFORNIA BEAUTY DUSTER

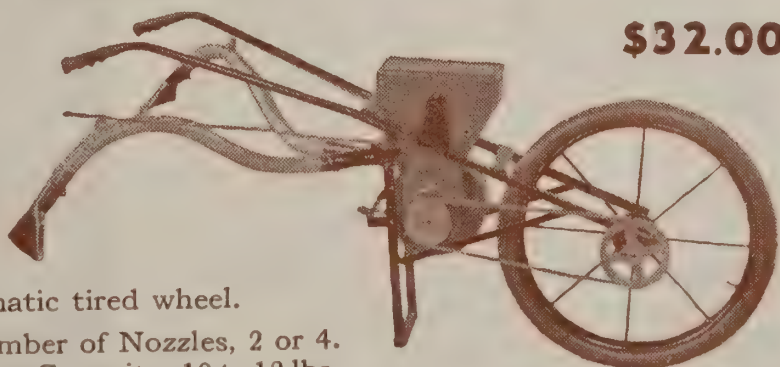
Designed especially for small acreages and for small-growing or continuous-row plants. Like the American Beauty, it is carried on the back like a knapsack and operated by one man. Bellows-handle operates up and down, with short, easy action. Feed screen is lead-coated and agitator parts cadmium-plated to prevent rust and corrosion. Entire top lifts off for cleaning or filling. Equipment includes 30-inch, spring-wire reinforced flexible hose, two 18-inch tubes and a deflector to reach up under leaves. Capacity: 15 lbs.

TRACTION WHEELBARROW DUSTER

With Pneumatic Tire

Adjustable nozzles for low, medium and high crops. Dusters can be equipped with guard to protect plant foliage. (At an extra charge). The power to operate the duster blower units is transmitted from the wheel through a ratchet pulley via a "V" belt to a "V" pulley on shaft in a grease-tight gear case mounted on side of duster blower unit. Furnished with pneumatic tired wheel.

Alemite Lubrication. Ball Bearings. Number of Nozzles, 2 or 4. Adjustable Nozzles and Feed Gauge. Hopper Capacity, 10 to 12 lbs.



\$32.00

HJT-2—2 Nozzles



SOWING and HARVESTING EQUIPMENT



\$3.50

FERTILIZER & SEED SOWER

Designed especially to distribute granular fertilizer. It is quickly adjusted for heavy or light application of either fertilizer or seed. It can be used anywhere a man can walk.



\$2.25

Cyclone Seed Sower

For sowing clover, timothy, alfalfa and all other farm seeds that can be sown broadcast. Runs easy and will distribute any desired amount per acre.



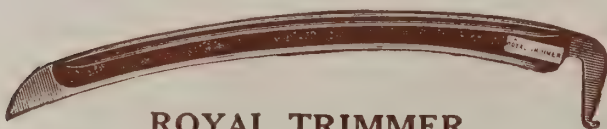
Apple Picking Bag

With Wide Open Mouth
BAG No. 10 \$1.85
Made from 10 oz. Duck.



GOLDEN CLIPPER

Welded scythe, with tooled steel edge, carefully tempered—32", 34" and 36" lengths \$1.45



ROYAL TRIMMER

One piece of solid high carbon steel correctly tempered—32", 34" and 36" lengths \$1.10



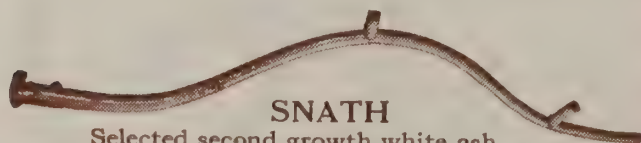
OWASCO GRASS HOOK

High carbon steel blade with off set handle shaped to fit the hand 35¢



WIZARD GRASS HOOK

A light serviceable grass hook for close trimming 20¢



SNATH

Selected second growth white ash

No. 30, Ironclad Grass Snath \$1.55
No. 125, Ironclad Bush Snath \$1.75

\$13.50



WHEELBARROW GRASS SEEDER

Single hopper, chain feed seeder. $\frac{1}{2}$ bu. capacity. Sows 1 to 24 quarts per acre. Length, 14 ft.

G.L.F. BINDER TWINE

Standard binder twine is made from a combination of East India sisal, Mexican sisal and manila. The proper proportions of these three fibers insure a uniform, strong twine, balls weigh approximately 8 lbs., 500 ft. to pound.

Manila binder twine is made from pure manila fibers. It is stronger and more uniform than Standard and is better fitted for new binders. 600 feet to every pound.



TENTATIVE PRICES

Standard Twine, 8 lb. balls.

Per bale \$4.50

Per ball80

Manila Twine, 600-

ft., 8 lb. balls, per

bale \$5.05

Per ball90

Priced tentatively subject to our confirmation.



CANVAS and RUBBER BELTING



Other sizes, widths and plies
—also open end belts—avail-
able on request.



CANVAS

Double Stitched
32 oz.—4 ply
Endless Thresher

40' x 5"	\$ 9.25
50' x 6"	13.25
75' x 6"	19.50
100' x 6"	25.75

RUBBER

Endless
Thresher
4 ply—32 oz.

40' x 5"	\$13.00
50' x 6"	19.50
75' x 6"	28.00
100' x 6"	36.00

V Belts available on special order

Write G.L.F. for prices and information on belting problems

Waterproof CANVAS COVERS

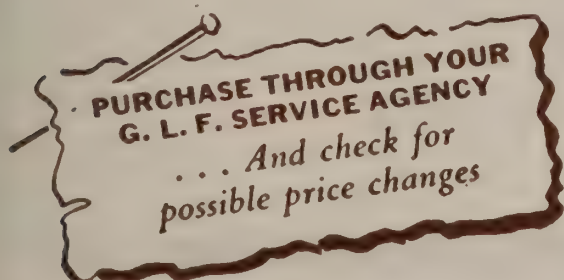
SAVE PERISHABLE
PRODUCTS



WATERSHED

(Water proofing compound for canvas covers) same as used on our fine quality covers.

1 qt. (No. K142).....\$.75



PROTECT VALUABLE MACHINERY

SUPER QUALITY—No. 10 Double Filled Duck

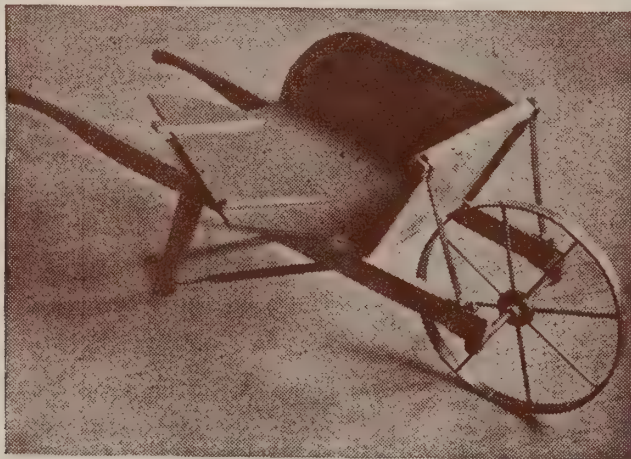
	Finished Size	
8 x 10	7'9" x 9'7"	\$ 6.00
10 x 12	9'7" x 11'7"	8.90
12 x 14	11'7" x 13'7"	12.25
14 x 16	13'6" x 15'6"	16.30
16 x 20	15'5" x 19'6"	23.50
12 x 16	11'7" x 15'6"	13.60
12 x 18	11'7" x 17'6"	15.70

STANDARD QUALITY—No. 9 Duck

8 x 10	7'9" x 9'7"	\$4.20
10 x 12	9'7" x 11'7"	6.00

Special sizes slightly higher

FARM and GARDEN WHEELBARROWS



Length—26"
Front Width—19"
Rear Width—23"
Sideboards—12"
Handles—56"
Weight—50 lbs.

← No. 5—\$5.25

**PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY**
... And check for
possible price changes

18 ga.—1 piece Steel Tray
Top edge rolled over $\frac{1}{4}$ " rod
Length—33"
Width—28"
Depth at Wheel— $11\frac{1}{2}$ "
Depth at Handle—6"
Capacity—3 cu. ft.
Weight—50 lbs.

No. 21—\$4.75 →



Round deep front 16 ga. Riveted Tray
Edge rolled over $\frac{1}{4}$ " rod
Length—36"
Width—24"
Depth at wheel—19"
Depth at handle— $8\frac{1}{2}$ "
Capacity— $4\frac{1}{2}$ cu. ft.
Weight—80 lbs.

← No. 22B—\$7.50

"THE RIGHT WHEELBARROW MAKES GARDEN WORK FUN"

WHEELBARROWS on RUBBER!

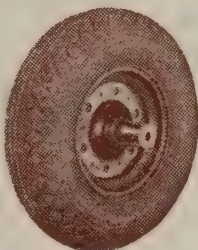
Here is a test to determine the difference between wheelbarrows with rubber tires and wheelbarrows with steel wheels.

At the Stockholders Annual Meeting, many patrons tried pushing these loaded wheelbarrows up the cleated inclines.

Patrons were unanimous in selecting the rubber-equipped wheelbarrow for easy pushing.

RUBBER TIRES OPTIONAL

In place of steel wheel on models
No. 154, 155, 22B... \$5.00 additional
No. 5 Garden.... 5.50 additional



18 ga. 1 piece Steel Tray

Length—32½"

Width—25"

Depth at Wheel—14½"

Depth at Handle—6"

Capacity—3 cu. ft.

Weight—38 lbs.

No. 20—\$3.50 →



Round deep front 16 ga. Riveted Tray

Edge rolled over ¼" rod

Length—38"

Width—26"

Depth at wheel—21"

Depth at handle—9"

Capacity—5 cu. ft.

Weight—75 lbs.

← No. 155—\$7.85



Round Deep Front 15 ga. Steel Tray

Edge rolled over ¼" rod

Length—37"

Width—27"

Depth at wheel—17"

Depth at handle—9"

Capacity—4 cu. ft.

Weight—70 lbs.

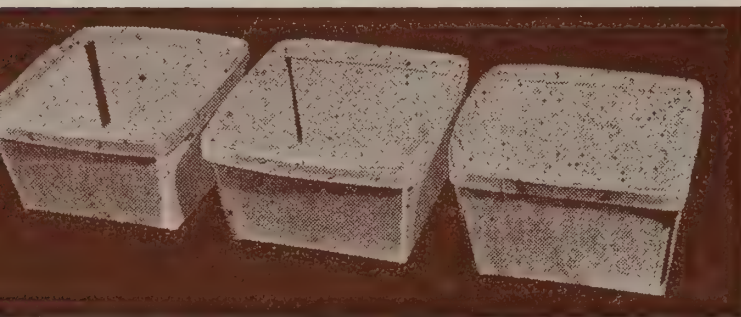
No. 154—\$6.75 →



"THE BARROW YOU WANT—AT THE PRICE YOU WANT"



Oblong Pints, Square Pints



Basswood, Gumwood Quarts



1, 2, 3 and 4 Quart Tills

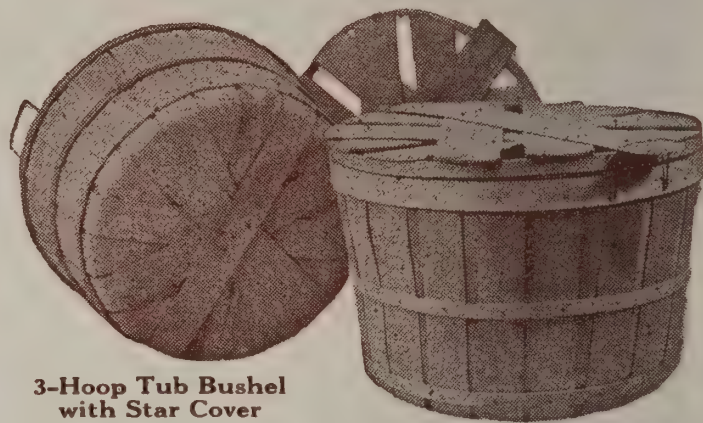


8 Quart Square Braid Market Basket



Forty-eight Pint Crate

IT PAYS TO PACKAGE FARM PRODUCE RIGHT



3-Hoop Tub Bushel
with Star Cover

BASKETS *Crates and* BOXES

Fine fruit and vegetables command a better price when they are better packaged. The G.L.F. line is complete and economical. Every basket, crate or box is designed and built of extra-strong fibrous material to withstand rough handling, protect its contents in good shape and earn a better price in the market-place.

Your G.L.F. Service Agency is organized to give you good service in carload lots or in full truck load lots. This G.L.F. basket service includes several kinds of apple boxes, cauliflower shooks, tomato lugs, and all other packages that may be required for farm produce.

Prices change too rapidly on this line to be quoted here, but G.L.F. enjoys a favored position in this industry and we suggest that you check with your local G.L.F. Service Agency whenever you are in need of baskets, crates or boxes.

Ventilated
Export
Tub
Bushel
with Solid
Board
Bottom
and Crown
Cover



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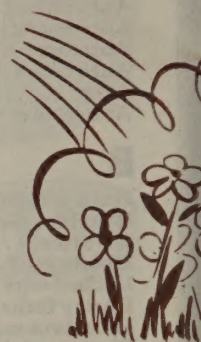
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GARDENETTE 5/8" BLUE

First quality, featherweight hose. Its double braid construction gives flexibility with long life. Women appreciate its lightness—men like its toughness. A definitely heavy duty hose that will stand up for years.

50' Coupled (2-25')\$6.75
25' Coupled 3.50

TRUCORD 5/8" GREEN

A smart looking, high quality, double braid hose. Light—flexible—kinkproof. A medium duty hose that stands up well.

50' Coupled (2-25')\$5.25
25' Coupled 2.75

RIPPLE 5/8" BLACK

Here is a really good utility hose of single braid construction. It's not a one year hose, for it has good lasting qualities.

50' Coupled (2-25')\$3.25
25' Coupled 1.75

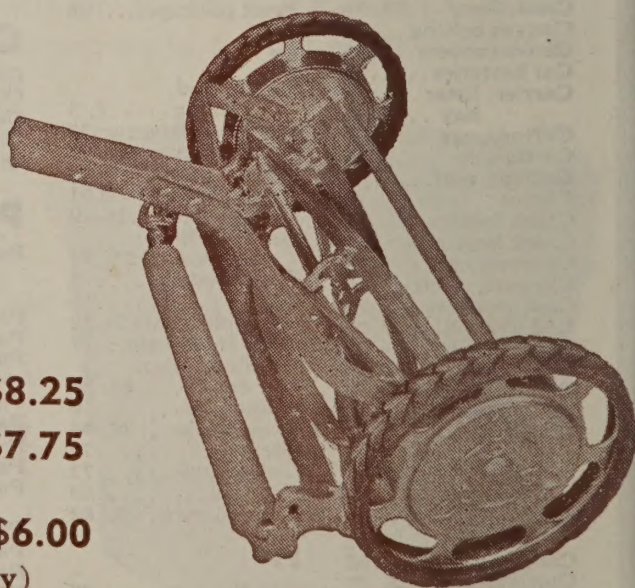
1-S-1 5/8" BLACK

A good hose buy if you don't expect many years service or need it only for occasional use.

50' Coupled (2-25')\$2.75
25' Coupled 1.50

UNICO LAWNMOWERS

An easy handling, keen cutting, smooth working, trouble-free farm lawnmower. 10" enclosed drive wheels with 1/4" thick removable, clincher rubber tires. The reel has five crucible analysis steel blades, riveted to three spiders. It is 6" in diameter. Equipped with adjustable ball bearings. Cutter blades have raised edges, adjustable with opposed screws. Covered oil cups throughout.



MODEL C—18"—\$8.25

MODEL C—16"—\$7.75

*MODEL O—14"—\$6.00

*(Steel Wheels Only)

PURCHASE THROUGH
YOUR G. L. F.
SERVICE AGENCY
... And check for
possible price changes



Attractive, lasting Roofs with

G.L.F. ASPHALT SHINGLES

G.L.F. shingles are made from finest quality materials — a base of strong heavy felt thoroughly saturated with asphalt of the right hardness. On this base of saturated felt, a tough coating of asphalt is applied that has the extra properties of holding the granules in place. The granules are selected for their resistance to light, heat and weather. The attractive colors are obtained by using Ceramic granules with the color fused in.

STANDARD HEXAGONAL. 11 $\frac{1}{3}$ " x 36". The most popular shingle. Economical, easily laid, makes an attractive roof. Not recommended on roofs with a low pitch. Made with fine quality materials, light-fast granules imbedded in tough asphalt. Green blend, lawn green, black or brick red. Weight per square 167 lbs. **\$4.40** per square.

THICK BUTT. 12" x 36". Double-thick where the wear comes, giving years longer wear and a lower per year cost. Attractive colors and blends using long wearing, fade-proof granules. Colors are green blend, lawn green, black and brick red. Weight per square 210 lbs. **\$5.60** per square.

DOUBLE COVERAGE HEXAGONAL. 12" x 36". Made in the popular hexagonal design but each shingle is cut so that you get a double-thick roof when laid. This makes a longer lasting roof. Contains the same permanent ceramic granules used on the other shingles. Comes in lawn green and black. Weight per square 215 lbs. **\$6.00** per square.

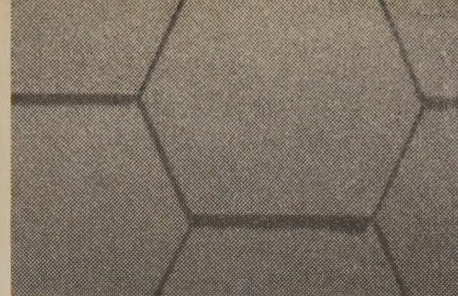
THREE-TAB-STRIP. 12" x 36". The best plain square tab shingle. Heavier felt all the way through, making a much heavier, sturdier shingle. Ideal for roofs where wind is strong. Colors: green blend, lawn green, black, red blend and brick red. Weight 240 lbs. per square. **\$5.90** per square.

GRAINTEX. 12" x 36". For beauty and extra protection. An extra coating of asphalt and granules on the exposed side gives the effect of wood graining. This added material means longer wear plus extra beauty. Available in green blend, gray blend, red blend, blue blend and brown blend. Weight per square, 260 lbs. **\$7.10** per square.

UNIVERSAL. 16" x 18" with 4" side and end lap. Designed to give a good single coverage job at low cost. Special locking device provides a continuous leak-proof roof, not affected by the wind. Can be applied right over the old roof. Available in green blend, lawn green, black, red blend and brick red. Weight per square 138 lbs. **\$3.90** per square.

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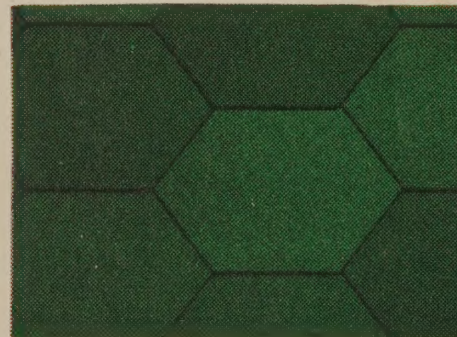
*... And check for
possible price changes*



STANDARD HEXAGONAL.



THICK BUTT.



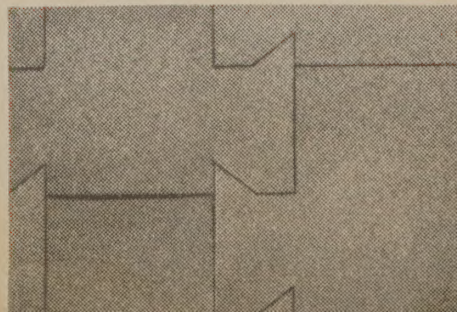
DOUBLE COVERAGE HEXAGONAL.



THREE-TAB-STRIP.



GRAINTEX.



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